

# FILE NOTATIONS

Entered in NID File \_\_\_\_\_  
 Entered On S R Sheet \_\_\_\_\_  
 Location Map Pinned \_\_\_\_\_  
 Card Indexed \_\_\_\_\_  
 IWR for State or Fed Land \_\_\_\_\_

Checked by Chief \_\_\_\_\_  
 Copy NID to Field Office \_\_\_\_\_  
 Approval Letter \_\_\_\_\_  
 Disapproval Letter \_\_\_\_\_

## COMPLETION DATA:

Date Well Completed \_\_\_\_\_  
 OW..... WW..... TA.....  
 GW..... OS..... PA.....

Location Inspected \_\_\_\_\_  
 Bond released \_\_\_\_\_  
 State of Fed Land \_\_\_\_\_

## LOGS FILED

Driller's Log \_\_\_\_\_  
 Electric Logs (No. ) \_\_\_\_\_

E..... I..... E-I..... GR..... Micro.....  
 Lat..... MI-L..... Sonic..... Others.....

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Coseka Resources (U.S.A.) Limited

## 3. ADDRESS OF OPERATOR

718 17th St., Suite 630, Denver, Colorado 80202

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

1605' FEL &amp; 1941' FSL, Sec. 17, T15S, R23E

At proposed prod. zone

Same

NWSE

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

47.2 miles from Ouray, Utah

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

1605'

## 16. NO. OF ACRES IN LEASE

1916.72

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

360 acs.

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

## 19. PROPOSED DEPTH

9023'

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

7647' ungr.

## 22. APPROX. DATE WORK WILL START\*

May 24, 1979

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	42#	300'	250 sacks
12-1/4"	8-5/8"	24# & 32#	5900'	250 sacks
7-7/8"	5-1/2"	15.5# & 17#	8000'	150 sacks

APPROVED BY THE DIVISION  
OF OIL, GAS, AND MINING

DATE: \_\_\_\_\_

BY: \_\_\_\_\_

RECEIVED  
JUN 25 1980DIVISION OF  
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED

Operations Manager

May 23, 1979

TITLE

DATE

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

FOR  
E. W. GUYNN  
TITLE

DISTRICT ENGINEER

DATE

JUN 24 1980

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED  
TO OPERATOR'S COPY

\*See Instructions On Reverse Side

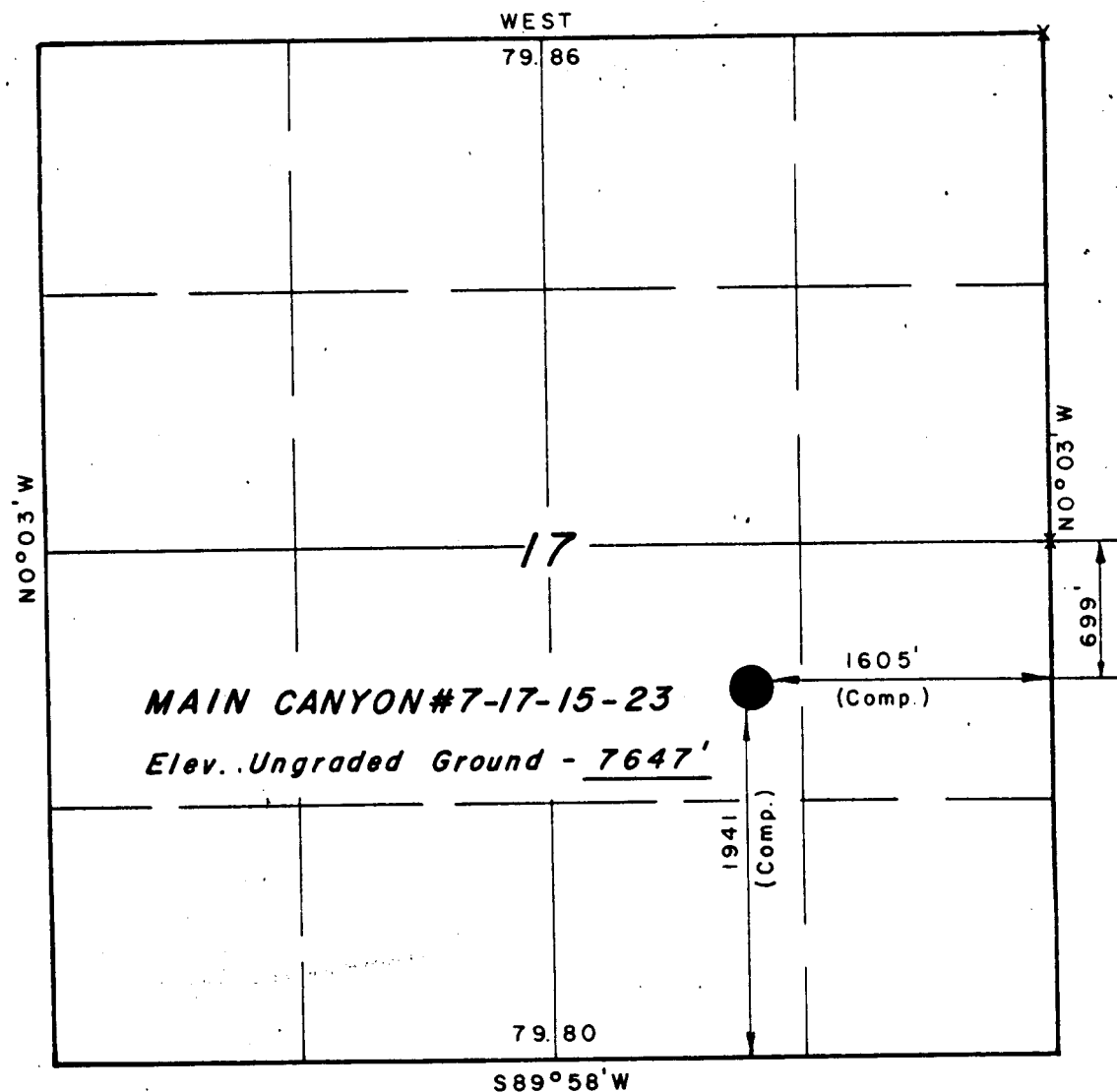
FLARING OR VENTING OF  
GAS IS SUBJECT TO NTL 4-A  
DATED 1/1/80NECESSARY PLANNING OF GAS DURING  
DRILLING AND COMPLETION APPROVED  
BY THE DIVISION OF OIL, GAS & MINING

UT STATE O&amp;G

*T 15 S , R 23 E , S.L.B. & M.*

PROJECT  
**COSEKA RESOURCES U.S.A. LTD.**

Well location, *MAIN CANYON # 7-17-15-23*, located as shown in the NE 1/4 SE 1/4 Section 17, T15S, R 23 E , S.L.B. & M. Uintah County, Utah.



X = Section Corners Located



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM THE FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 2454  
STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
P.O. BOX Q - 110 EAST - FIRST SOUTH  
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	5/21/79
PARTY	D.A. B.W. D.F. S.B.	REFERENCES	GLO Plat
WEATHER	Clear & Warm	FILE	COSEKA RESOURCES

FROM: : DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

TO : DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-8359

OPERATOR: COSEKA RESOURCES (USA) LIMITED WELL NO. 7-17-15-23

LOCATION: 1/4 1/4 1/4 sec. 17, T. 15S, R. 23E, SLM

VINTAH County, UTAH

1. Stratigraphy: Operator's estimated tops seem reasonable.

surface - Green River

4430' - Mancos

4535' - Castle Gate S.S.

5292' - Mancos "B"

5990' - Base Mancos "B"

8330' - Dakota (possible gas)

2. Fresh Water: 8465' - Morrison (possible gas)

9023' - T.D.

usable water may be encountered in the Green River.

3. Leasable Minerals:

Oil shale may be encountered in the Green River fm from about 1400'. Coal may be encountered in the meanderides at 2500 to 4200'.

4. Additional Logs Needed: APD log program seems adequate.

5. Potential Geologic Hazards: not anticipated.

6. References and Remarks: Within  $\frac{1}{4}$  mile of Unnamed KGS TISS R23S

Signature: emb

Date: 6-8-79

## LOGGING AND CORING INSTRUCTIONS

SAMPLES:

Collect every	<u>30'</u>	ft. to	<u>5417</u>	(or top of Mancos "B")
Collect every	<u>20'</u>	ft. to	<u>6117</u>	(or base of Mancos "B")
Collect every	<u>30'</u>	ft. to	<u>8472</u>	(or top of Dakota)
Collect every	<u>10'</u>	ft. to	<u>8656</u>	(or base of Dakota)
	<u>20'</u>	ft. to	T.D.	

Forward set(s) of Samples to:

American Stratigraphic Co.

6280 E. 39th Avenue

Denver, Colorado 80207

## ELECTRIC AND POROSITY LOGS

Plan to Run: Mud: DIL, Compensated Neutron-Formation Density.

Plan to Run: Mud. DIL, compensated neutron log  
(Note: If hole is switched from air to mud a sonic log might also be run and a dipmeter will be run through the Dakota)

Air: DIL, Compensated FDL, Compensated SNL

(Note: Temperature Log may be run if the well is flowing gas)

CORING

Estimated Core Point \_\_\_\_\_ Footage \_\_\_\_\_

[illegible]

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CALL DEPTH: Contact Exploration Geologist in Denver office  
at Trip to remove stabilizers before drilling into  
Dakota or 100' above the top of the Dakota.

STOP DEPTH: Do not drill below top of the Dakota.

without Geologist and/or mud logger on location.

# GEOLOGIC PROGNOSIS FOR WILDCAT OR DEVELOPMENT WELL

COSEKA RESOURCES (U.S.A.) LIMITED  
718 17th Street, Suite 630  
Denver, Colorado 80202  
573-6178

OPERATOR: Coseka Resources (U.S.A.) Limited WELL NAME: Main Canyon  
7-17-15-23  
LOCATION: Utah COUNTY & STATE: Uintah Co., Utah  
T15S-R23E, Section 17 NW SE  
ELEVATION: Grnd. 7647 Meas KB:   
Frank Gibbs PHONE: (303) 986-7306  
GEOLOGIST: Michael Martin PHONE: 355-4917  
ENGINEER: Don Dunckley PHONE: 243-3846

## ESTIMATED FORMATION TOPS

<u>FORMATION</u>	<u>DEPTH from GL</u>	<u>(<math>\pm</math>) ELEVATION</u>
Mancos	4409	+3238
Castlegate	*4649	+2998
Mancos B	5417	+2230
Base Mancos B	6117	+1530
Dakota	8472	- 825 datum
Cedar Mountain-Morrison	8656	-1009
Entrada	9264	-1617
Ref		
Coseka Main Canyon 3-16-15S-23E, Section 16		
Mountain Fuel #1, 15S-23E, Section 28		
*Adjust tops to Castlegate when information is available		

TOTAL DEPTH 9214

## GEOLOGIC STATEMENT OF OBJECTIVES

The primary objectives in this well are the middle and lower units of the Dakota. Secondary objectives are the upper unit of the Dakota and the Cedar Mountain-Morrison sequence.

**\*\* FILE NOTATIONS \*\***

DATE: June 26, 1980

Operator: Coska Resources, Ltd

Well No: Main Canyon Unit # 7-17-15-23

Location: Sec. 17 T. 15S R. 23E County: Uintah

File Prepared: ☐

Entered on N.I.D.: ☒

Card Indexed: ☐

Completion Sheet: ☐

☒ API Number 43-047-30736

CHECKED BY:

Geological Engineer: \_\_\_\_\_

Petroleum Engineer: M.J. Minder 7-1-80

Director: OK on Unit boundary spacing

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. \_\_\_\_\_

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception/company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation Jack Unit

Plotted on Map ☒

Approval Letter Written ☒ Wtm

it  
approval -  
Agent on  
map plat

UPI



**COSEKA RESOURCES (U.S.A.) LIMITED**

718 17th STREET, SUITE #630, DENVER, COLORADO 80202 (303) 573-6178

June 27, 1980

State of Utah  
Division of Oil, Gas & Mining  
1588 West, North Temple  
Salt Lake City, Utah 84116

Re: Main Canyon  
Federal 7-17-15-23  
Sec 17-T15S-R23E  
Uintah Co., Utah

Gentlemen:

Please find enclosed, in triplicate, the State of Utah Application for Permit to Drill for the above referenced well. Also enclosed is the Survey Plat and Geological Prognosis.

Thank you.

Very truly yours,

COSEKA RESOURCES (U.S.A.) LIMITED

Brenda Groghan  
Production Secretary

/bg

Enclosures

**RECEIVED**  
JUN 30 1980

DIVISION OF  
OIL, GAS & MINING



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

5. Lease Designation and Serial No.

U-8359

6. If Indian, Allottee or Tribe Name

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil  
Well ☐Gas  
Well ☒

Other

Single  
Zone ☐Multiple  
Zone ☐

2. Name of Operator

Coseka Resources (U.S.A.) Limited

3. Address of Operator

718 17th St. #630, Denver, CO 80202

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*

At surface

1605' FEL &amp; 1941' FSL, Sec. 17-T15S-R23E

NWSE

At proposed prod. zone

Same

14. Distance in miles and direction from nearest town or post office\*

47.2 miles from Ouray, Utah

12. County or Parrish 13. State

Uintah

Utah

15. Distance from proposed\*

location to nearest  
property or lease line, ft.  
(Also to nearest drlg. line, if any)

1605'

16. No. of acres in lease

1916.72

17. No. of acres assigned  
to this well

360

18. Distance from proposed location\*  
to nearest well, drilling, completed,  
or applied for, on this lease, ft.

19. Proposed depth

9214'

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

7647' Ungr

22. Approx. date work will start\*

July 10, 1980

23.

## PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
17-1/2"	13-3/8"	42#	300'	250 sacks <i>Circ to Surface</i>
12-1/4"	8-5/8"	24# & 32#	5900'	250 sacks
7-7/8"	5-1/2"	15.5# & 17#	9214'	150 sacks

APPROVED BY THE DIVISION  
OF OIL, GAS, AND MINING

DATE: 7-1-80

BY: *M. J. Minder*RECEIVED  
JUN 30 1980DIVISION OF  
OIL, GAS & MININGBOP equipment will consist of Dual Rams and a Hydril. All equipment will be series 900.  
Good oilfield practices will be used in the drilling of this well.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed

*S. P. Wilkinson*

Title Chief Engineer

Date 6/27/80

(This space for Federal or State office use)

Permit No.

43-047-30736

Approval Date

7/1/80

Approved by

Title

Date

Conditions of approval, if any:

United States Department of the Interior  
Geological Survey  
8440 Federal Building  
Salt Lake City, Utah 84138

## Usual Environmental Analysis

Lease No. U-8359Well No. 7-17-15-23Operator Coseka ResourcesLocation 1605' FEL & 1941' FSL Sec. 17 T. 15S R. 23ECounty Uintah State Utah Field WildcatStatus: Surface Ownership Public Minerals FederalJoint Field Inspection Date July 3, 1979

## Participants and Organizations:

Greg Darlington U.S. Geological Survey, VernalRon Rogers Bureau of Land Management, VernalTom Graham Coseka ResourcesDallas Galley D.E. Casada ConstructionLynn Gillies Continental Helicopters   

## Related Environmental Analyses and References:

(1) Unit Resource Analysis, Seep Ridge Planning Unit, BLM, Vernal

(2)

Analysis Prepared By: Greg Darlington  
Environmental Scientist  
Vernal, Utah

Date: July 6, 1979

Reviewed By: George Diwachak  
Environmental Scientist  
Salt Lake City, Utah

Noted - G. Diwachak

*Handwritten notes:*  
1 mi. from road  
plus area not in  
stockpile  
3 ac  
3 a-d  
Pg 6

### Proposed Action:

On May 24, 1979, Coseka Resources filed an Application for Permit to Drill the No. 7-17-15-23 exploratory well, a 9023 ft. gas test of the Morrison and Dakota Formations; located at an elevation of 7647 ft. in the NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 17, T. 15S., R. 23E. on Federal mineral lands and public surface; lease No. U-8359. There was no objection raised to the wellsite nor to the access road.

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Fresh-water sands and other mineral-bearing formations would be protected. A blowout Preventor would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface Plan are on file in the USGS District Office in Salt Lake City, Utah and the USGS Northern Rocky Mountain Area Office in Casper, Wyoming. The 13-Point Surface Protection Plan is on file in the District Office in Salt Lake City.

A working agreement has been reached with The Bureau of Land Management, the controlling surface agency. Rehabilitation plans would be decided upon as the well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements.

The operator proposes to construct a drill pad 250 ft. wide by 400 ft. long and a reserve pit 150 ft. by 200 ft. An existing road would be upgraded to 18 ft. wide by 1.0 mile long from a maintained road. Maximum allowable disturbances for the road would be 30 ft. in width. The operator proposes to construct production facilities on disturbed area of the proposed drill pad. If production is established, plans for a gas flow line would be submitted to the appropriate agencies for approval. The anticipated starting date is upon approval and duration of drilling activities would be about 30 days.

### Location and Natural Setting:

The proposed drillsite is approximately 47.2 miles southeast of Ouray, Utah, the nearest town. A fair road runs to the location. This well is a wildcat.

### Topography:

The location is near the top of a ridge and in a forested area. On the west edge of the pad is a sagebrush covered clearing with a considerable slope, especially on the northwest of the indicated topsoil pile location. Moving the location west would require changing the location of the topsoil pile and an increased cut into the hillside. Hence the present location was not changed.

### Geology:

The surface geology is the Green River Formation of Middle Eocene Age. The

soil is a sandy clay with mixed shale and sandstone gravels. No geologic hazards are known near the drillsite. Seismic risk for the area is minor. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan.

Approval of the proposed action would be conditioned that adequate and sufficient electric density logging surveys would be made to locate and identify any potential mineral resources. Production casing and cementing would be adjusted to assure no influence of the hydrocarbon zones through the well bore on these minerals. In the event the well is abandoned, cement plugs would be placed with drilling fluid in the hole to assure protection of any mineral resources.

The potential for loss of circulation would exist. Loss of circulation may result in the lowering of the mud levels, which might permit exposed upper formations to blow out or to cause formations to slough and stick to drill pipe. A loss of circulation would result in contamination due to the introduction of drilling muds, mud chemicals, filler materials, and water deep in to the permeable zone, fissures, fractures, and caverns within the formation in which fluid loss is occurring. The use of special drilling techniques, drilling muds, and lost circulation materials may be effective in controlling lost circulation. The operator plans to use air as a circulating medium which would reduce the potential for loss of circulation.

A geologic review of the proposed action has been furnished by the Area Geologist, U.S. Geological Survey, Salt Lake City, Utah.

The operator's drilling, cementing, casing and blowout prevention programs have been reviewed by the Geological Survey engineers and determined to be adequate.

#### Soils:

No detailed soil survey has been made of the project area. The top soils in the area range from a sandy clay to a clay type soil. The soil is subject to runoff from rainfall and has a high runoff potential and sediment production would be high. The soils are mildly to moderately alkaline and support the pinon-juniper association.

Top soil would be removed from the surface and stockpiled. The soil would be spread over the surface of disturbed area when abandoned to aid in rehabilitation of the surface. Rehabilitation is necessary to prevent erosion and encroachment of undesired species on the disturbed areas. The operator proposes to rehabilitate the location and access road per the recommendations of the Bureau of Land Management.

Approximately 3.0 acres of land would be stripped of vegetation. This would increase the erosional potential. Proper construction practice, construction of water bars, reseeding of slope-cut area would minimize this impact.

Air:

No specific data on air quality is available at the proposed location. There would be a minor increase in air pollution due to emissions from rig and support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads. The potential for increased air pollution due to leaks, spills, and fire would be possible.

Relatively heavy traffic would be anticipated during the drilling-operations phase, increasing dust levels and exhaust pollutants in the area. If the well was to be completed for production, traffic would be reduced substantially to a maintenance schedule with a corresponding decrease of dust levels and exhaust pollutants to minor levels. If the project results in a dry hole, all operations and impact from vehicular traffic would cease after abandonment. Due to the limited number of service vehicles and limited time span of their operation, the air quality would not be substantially reduced.

Toxic or noxious gases would not be anticipated.

Precipitation:

Annual rainfall should range from about 8 to 11" at the proposed location. The majority of the numerous drainages in the surrounding area are of a non-perennial nature flowing only during early spring runoff and during extremely heavy rain storms. This type of storm is rather uncommon as the normal annual precipitation is around 8".

Winds are medium and gusty, occurring predominately from west to east. Air mass inversions are rare. The climate is semi-arid with abundant sunshine, hot summers and cold winters with temperature variations on a daily and seasonal basis.

Surface Water Hydrology:

The location drainage is into Main Canyon, which then drains into Willow Creek. Willow Creek flows into the Green River.

Some additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the problem. The proposed project should have minor impact on the surface water systems. The potential for pollution would be present from leaks or spills. The operator is required to report and clean-up all spills or leaks.

Ground Water Hydrology:

Some minor pollution of ground water systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. This is normal

and unavoidable during rotary drilling operations. The potential for communication, contamination and comingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basic information as all shows of fresh water would be reported. Water production with the gas would require disposal of produced water per the requirements of NTL-2B. The depths of fresh water formations are listed in the 10-Point Sub-surface Protection Plan. The pits would be unlined. If fresh water should be available from the well, the owner or surface agency may request completion as a water well if given approval.

#### Vegetation:

Pines, pinon, juniper, sagebrush and cactus are all present at the pad location.

Plants in the area are of the salt-desert-shrub types grading to the pinon-juniper association.

Proposed action would remove about 3.0 acres of vegetation. Removal of vegetation would increase the erosional potential and there would be a minor decrease in the amount of vegetation available for grazing.

The operator proposes to rehabilitate the surface upon completion of operations.

#### Wildlife:

The fauna of the area consists predominately of mule deer, coyotes, rabbits, foxes, and varieties of small ground squirrels and other types of rodents and various types of reptiles. The area is used by man for the primary purpose of grazing domestic livestock and sheep. The birds of the area are raptors, finches, ground sparrow, magpies, crows, and jays.

An animal and plant inventory has been made by the BLM. No endangered plants or animals are known to inhabit the project area.

#### Social-Economic Effect:

An on the ground surface archaeological reconnaissance would be required prior to approval of the proposed action. Appropriate clearances would then be obtained from the surface managing agency. If a historic artifact, an archaeological feature or site is discovered during construction operations; activity would cease until the extent, the scientific importance and the method of mitigating the adverse effects could be determined by a qualified resource specialist.

There are no occupied dwellings or other facilities of this nature in the general area. Minor distractions from aesthetics would occur over

the lifetime of the project and is judged to be minor. All permanent facilities placed on the location would be painted a color to blend in with the natural environment. Present use of the area is grazing, recreation, and oil and gas activities.

Noise from the drilling operation may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to pre-drilling levels.

The site is not visible from any major roads. After drilling operations, completion equipment would be visible to passersby of the area but would not present a major intrusion.

The economic effect of one well would be difficult to determine. The overall effect of oil and gas drilling and production are significant in Uintah County.

But should this well discover a significant new hydrocarbon source, local, state and possibly national economics might be improved. In this instance, other development wells would be anticipated, with substantially greater environmental and economic impacts.

Should the wellsite be abandoned, surface rehabilitation would be done according to the surface agency's requirements and to USGS's satisfaction. This would involve leveling, contouring, reseeding, etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment.

There are no national state, or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails or other formally designated recreational facilities near the proposed location.

The proposed location is within the Seep Ridge Planning Unit. This Environmental Assessment Record was compiled by the Bureau of Land Management, the surface managing agency of the Federal surface in the area. The study includes additional information on the environmental impact of oil and gas operations in this area and gives land use recommendations. The E.A.R. is on file in the agency's State offices and is incorporated herein by reference.

#### Waste Disposal:

The mud and reserves pits would contain all fluids used during the drilling operations. A trash cage would be utilized for any solid wastes generated at the site and would be removed at the completion of the operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

Alternative to the Proposed Action:

(1) Not approving the proposed permit--The oil and gas lease grants the lessee exclusive right to drill for, mine, extract, remove and dispose of all oil and gas deposits. Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and subsurface would be prevented as much as possible under USGS and other controlling agencies supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of gas should be taken into consideration. Therefore, the alternative of not proceeding with the proposed action at this time is rejected.

(2) Minor relocation of the wellsite and access road or any special, restrictive stipulations or modifications to the proposed program would not significantly reduce the environmental impact. There are no severe vegetative, animal or archaeological-historical-cultural conflicts at the site. Since only a minor impact on the environment would be expected, the alternative of moving the location is rejected. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

(3) Drilling should be allowed provided the following mitigative measures are incorporated into the proposed APD and adhered to by the operator.

- a. A trash cage will be used instead of a burn pit and any solid wastes generated at the site will be hauled away at the completion of the drilling.
- b. Any timber on the location to be removed in the construction at the site will be handled in a manner acceptable by BLM and not mixed with the topsoil and excavation soil piles.
- c. The operator will maintain the approximately 1.0 mile of access road from Seep Ridge Road to the wellsite in a manner acceptable to the BLM.
- d. The operator will follow BLM's regulations regarding winter use of the area.

Adverse Environmental Effects Which Cannot Be Avoided:

Surface disturbance and removal of vegetation from approximately 3.0 acres of land surface for the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary



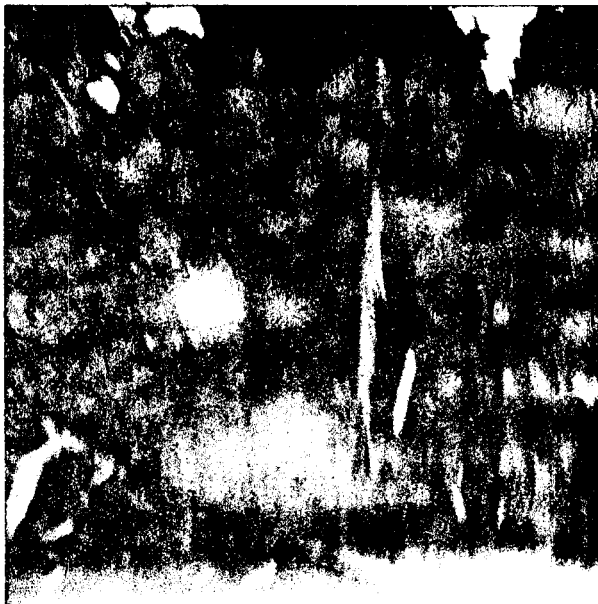
disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a producer, additional surface disturbance would be required to install production pipelines. The potential for fires, gas leaks, and spills of oil and water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for sub-surface damage to fresh water aquifers and other geologic formations exists. Minor distractions from aesthetics during the lifetime of the project would exist. If the well is a producer, an irreplaceable and irretrievable commitment of resources would be made. Erosion from the site would eventually be carried as sediment in Willow Creek. The potential for pollution to Willow Creek would exist through leaks and spills.

Determination:

This requested action ~~does~~/does not constitute a major Federal action significantly affecting the environment in the sense of NEPA, Section 102(2)(C).

Date 8/30/79

E. W. Luyman  
District Engineer  
U.S. Geological Survey  
Conservation Division  
Oil and Gas Operations  
Salt Lake City District



Well 7-17-15-23  
Coseka  
7-3-1979  
EA 358-79

July 1, 1980

Coseka Resources (U.S.A.) Ltd.  
718 17th Street, Suite 630  
Denver, Colorado 80202

Re: Well No. Main Canyon Unit #2-8-15-23, Sec. 8, T. 15S, R. 23E., Uintah County  
Well No. Main Canyon Unit #7-17-15-23, Sec. 17, T. 15S, R. 23E., Uintah County

Insofar as this office is concerned, approval to drill the above referred to gas wells is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon these wells, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer  
Office: 533-5771  
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API numbers assigned to these wells are #2-8-15-23: 43-047-30735;  
#43-047-30736 -- ~~#7-17-15-23~~

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder  
Petroleum Engineer

/btm

cc: USGS

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Coseka Resources, Ltd

WELL NAME: Main Canyon Unit #7-17-15-23

SECTION 17 NW SE TOWNSHIP 5S RANGE 23E COUNTY Uintah

DRILLING CONTRACTOR Olsen Drilling

RIG # 2

SPUDDED: DATE 7/21/80

TIME 10:00 a.m.

How rotary

DRILLING WILL COMMENCE ASAP

REPORTED BY Don Dunkley

TELEPHONE #

DATE July 24, 1980 SIGNED *M. J. M.*

cc: USGS



**COSEKA RESOURCES (U.S.A.) LIMITED**

718 17th STREET, SUITE #630, DENVER, COLORADO 80202 (303) 573-6178

October 21, 1980

State of Utah  
Division of Oil, Gas & Mining  
1588 West, North Temple  
Salt Lake City, Utah 84116

Re: Main Canyon Unit  
Federal 7-17-15-23  
Section 17-T15S-R23E  
Uintah County, Utah

Gentlemen:

Enclosed, in duplicate, is the Well Completion Report for the  
above referenced well.

Thank you.

Very truly yours,

COSEKA RESOURCES (U.S.A.) LIMITED

Brenda Groghan  
Production Secretary

/bg

Enclosures

RECEIVED

OCT 23 1980

DIVISION OF  
OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

10

5. LEASE DESIGNATION AND SERIAL NO.

U-8359

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Hain Canyon

8. FARM OR LEASE NAME

Federal

9. WELL NO.

7-17-15-23

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY  
OR AREA

Sec. 17-T15S-R23E

12. COUNTY OR  
PARISH

Uintah

13. STATE

Utah

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other \_\_\_\_\_

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other \_\_\_\_\_

2. NAME OF OPERATOR

Coseka Resources (U.S.A.) Limited

3. ADDRESS OF OPERATOR

718 17th St. #630, Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 1605' FEL, 1941' FSL, Sec. 17-T15S-R23E NWSE

At top prod. interval reported below

At total depth

Same

14. PERMIT NO.

43-047-30736

DATE ISSUED

6/24/80

15. DATE SPUDDED

7/21/80

16. DATE T.D. REACHED

9/4/80

17. DATE COMPL. (Ready to prod.)

10/12/80

18. ELEVATIONS (DF, REB, RT, GR, ETC.)\*

7663' (K.B.)

19. ELEV. CASINGHEAD

7648'

20. TOTAL DEPTH, MD &amp; TVD

8665'

21. PLUG, BACK T.D., MD &amp; TVD

8620'

22. IF MULTIPLE COMPL.,  
HOW MANY\*

-

23. INTERVALS  
DRILLED BY

ROTARY TOOLS

10-8665

CABLE TOOLS

-

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

Dakota 8383-8537

25. WAS DIRECTIONAL  
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL, FDC-SNP, CBL-GR, TEMP.

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48#	520'	17 1/2"	360 sacks	-
8 5/8"	32#	5079'	12 1/4"	750 sacks	-
5 1/2"	20#	8665'	7 7/8"	300 sacks	-

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	8365	-

31. PERFORATION RECORD (Interval, size and number)

8383, 8395, 8402, 8423, 8433, 8491, 8497,  
8510, 8532, 8537 (10 - .32" holes)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8383-8537	1100 gallons 7½% acid
8383-8537	63,333 gals foam + 106,000# 20/40 sand

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
Shut-in		Flowing					Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
10/12/80	24	24/64	→	-	1150	-	-	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
680	790	→	-	1150	-	-		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented

TEST WITNESSED BY

Boyd Snow

35. LIST OF ATTACHMENTS

Logs under separate cover

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

  
S. L. Wilkinson

TITLE

Engineering Manager

DATE

10/21/80

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 33.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Mancos B Dakota	5356 8376	6025 8543		Sego Mancos Castlegate Mancos B Dakota Cedar Mtn.	4428 4500 4580 5356 8376 8543		



SCOTT M. MATHESON  
Governor

GORDON E. HARMSTON  
Executive Director,  
NATURAL RESOURCES

CLEON B. FEIGHT  
Director

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116  
(801) 533-5771

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON  
Chairman

JOHN L. BELL  
C. RAY JUVELIN  
THADIS W. BOX  
CONSTANCE K. LUNDBERG  
EDWARD T. BECK  
E. STEELE MCINTYRE

October 29, 1980

Coseka Resources, Ltd.  
718 17th St., Suite 630  
Denver, Colo. 80202

RE: SEE ATTACHED SHEET.

Gentlemen:

Our records indicate that you have not filed the monthly drilling reports for the month (s) indicated above on the subject well(s).

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

*Debbie Beauregard*

DEBBIE BEAUREGARD  
CLERK-TYPIST

SHEET ATTACHMENT:

- (1) Middle Canyon Unit # 4-30-16-24  
Sec. 30, T. 16S, R. 24E,  
Grand County, Utah  
May 1980 thru October 1980
- (2) Rat Hole Canyon #2  
Sec. 22, T. 14S, R. 25E,  
Uintah County, Utah  
April 1980 thru October 1980
- (3) Main Canyon Unit # 7-17-15-23  
Sec. 17, T. 5S, R. 23E,  
Uintah County, Utah  
July 1980 thru October 1980
- (4) Crooked Canyon Unit # 10-10-14-23  
Sec. 10, T. 14S, R. 23E,  
Uintah County, Utah  
June 1980 thru October 1980



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-8359	
2. NAME OF OPERATOR Coseka Resources (U.S.A.) Limited		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 718 17th St. #630, Denver, CO 80202		7. UNIT AGREEMENT NAME Main Canyon	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1605' FEL & 1941' FSL Sec. 17-T15S-R23E, Uintah Co., Utah		8. FARM OR LEASE NAME Federal	
14. PERMIT NO. API# 43-047-30736		9. WELL NO. 7-17-15-23	
15. ELEVATIONS (Show whether DF, RT, CR, etc.) 7663' KB		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NW SE Sec. 17-T15S-R23E	
		12. COUNTY OR PARISH Uintah	
		13. STATE Utah	

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) Monthly Report of Operations <input checked="" type="checkbox"/>	

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

## 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

7/80 - Spudded 7/21/80. Depth on 7/31/80-520'.  
 8/80 - Drilling. Depth on 8/31/80-8665'.  
 9/80 - Released rig 9/8/80. Total Depth 8668'. RU completion unit.  
 10/80 - Test Results: TP 1300 CP 1300. Flowed well 24 hours. TP 680 CP 790.  
 1150 MCFPD. Recovered 5 BF. SI. Waiting on pipeline.

## 18. I hereby certify that the foregoing is true and correct

SIGNED Brenda GroghanTITLE Production SecretaryDATE 11/5/80

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_



## MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• COSEKA RESOURCES USA LTD  
SUITE 300 1512 LARIMER ST  
DENVER CO 80202 1602  
ATTN: DAVID JOHNSON

Utah Account No. N0280

Report Period (Month/Year) 6 / 88

Amended Report ☐

Well Name				Producing Zone	Days Oper	Production Volume		
API Number	Entity	Location				Oil (BBL)	Gas (MSCF)	Water (BBL)
PINE SPRING UNIT #1								
4304730284	00595	14S 22E 15		DKTA				
PINE VIEW FED 1-10-14-22								
4304731365	07105	14S 22E 10		WSTC				
MAIN CYN 14-16-15-23								
4304730394	08045	15S 23E 16		DKTA				
MAIN CYN 11-9-15-23								
4304730616	08045	15S 23E 9		DKTA				
MAIN CYN 13-15-15-23								
4304730618	08045	15S 23E 15		DKTA				
MAIN CYN 11-10-15-23								
4304730639	08045	15S 23E 10		DK-BK				
MAIN CYN 15-8-15-23								
4304730674	08045	15S 23E 8		DKTA				
MAIN CYN 2-8-15-23								
4304730735	08045	15S 23E 8		DKTA				
MAIN CYN 7-17-15-23								
4304730736	08045	15S 23E 17		DKTA				
MAIN CYN 8-7-15-32								
4304730977	08045	15S 23E 7		DKTA				
MAIN CYN 4-4-15-23								
4304731043	08045	15S 23E 4		DKTA				
MAIN CYN 8-8-15-23								
4304731044	08045	15S 23E 8		MNCS				
MAIN CYN 9-3-15-23								
4304731070	08045	15S 23E 3		DKTA				
TOTAL								

Comments (attach separate sheet if necessary) \_\_\_\_\_

I have reviewed this report and certify the information to be accurate and complete.

Date \_\_\_\_\_

Authorized signature \_\_\_\_\_

Telephone \_\_\_\_\_



# **COSEKA RESOURCES (U.S.A.) LIMITED**

300 WRITER SQUARE, 1512 LARIMER STREET, DENVER, COLORADO 80202-1602 (303) 573-6178

**RECEIVED**  
JUL 1 1988

DIVISION OF  
OIL, GAS & MINING

June 27, 1988

On June 30, 1988, Coseka Resources (U.S.A.) Limited will be merged with and change its name to Arch Oil & Gas Company. The address for the organization will be unchanged at 300 Writer Square Building, 1512 Larimer, Suite 300, Denver, Colorado 80202-1602. The telephone number will also remain the same at (303) 573-6178.

While there should be no change in your communications with us, it is our hope that this change in name reflects the resolution of the past bankruptcy and the new and positive direction for the company. We look forward to working with you in the future as Arch Oil & Gas Company.

Thank you for your interest and if you have any questions, please contact us.

Sincerely,

Coseka Resources (U.S.A.) Limited

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**RECEIVED**  
DEC 15 1989

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen, or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION & SERIAL NO. <b>U-8359</b>	
2. NAME OF OPERATOR <b>Arch Oil &amp; Gas Company</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR <b>1512 Larimer St. Suite 300 Denver, CO 80202</b>		7. UNIT AGREEMENT NAME <b>Main Canyon</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface <b>1605' FEL &amp; 1941' FSL Sec. 17, T15S, R23E</b> At proposed prod. zone		8. FARM OR LEASE NAME <b>Federal</b>	
		9. WELL NO. <b>7-17-15S-23E</b>	
		10. FIELD AND POOL, OR WILDCAT <b>Wildcat</b>	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 17, T15S, R23E</b>	
14. API NO. <b>43-047-30736</b>	15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>7663' GR</b>	12. COUNTY <b>Uintah</b>	13. STATE <b>Utah</b>

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) Status Report	<input checked="" type="checkbox"/>

APPROX. DATE WORK WILL START \_\_\_\_\_

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) _____	

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

DATE OF COMPLETION \_\_\_\_\_

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

\* Must be accompanied by a cement verification report.

This well is currently shut in waiting for improved market conditions.

OIL AND GAS	
DRN	RJF
JRB	GLH
DTS	SLS
1-TAS	
2- MICROFILM	
3- FILE	

18. I hereby certify that the foregoing is true and correct

SIGNED Terry M. Cox

TITLE Operations Manager

DATE 12/15/89

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

JUN 18 1990

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)		5. LEASE DESIGNATION & SERIAL NO. <u>U-8350</u>	
1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		6. IF INDIAN ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR <u>Arch Oil &amp; Gas Company</u>		7. UNIT AGREEMENT NAME <u>Main Canyon</u>	
3. ADDRESS OF OPERATOR <u>1512 Larimer St Suite 300 Denver CO 80202</u>		8. FARM OR LEASE NAME <u>Federal</u>	
4. LOCATION OF WELL (Report location clearly and in accordance with any state requirements. See also space 17 below.) At surface <u>1605' FEL &amp; 1941' FSL Sec. 17, T15S, R23E</u> At proposed prod. zone		9. WELL NO. <u>7-17-15S-23E</u>	
14. API NO. <u>43-047-30736</u>		15. ELEVATIONS (Show whether DF, RT, GR, etc.) <u>7663' GR</u>	
		10. FIELD AND POOL OR WILDCAT <u>Wildcat</u>	
		11. SEC. T. R. S. OR BLK. AND SURVEY OR AREA <u>Sec. 17, T15S, R23E</u>	
		12. COUNTY <u>Uintah</u>	
		13. STATE <u>Utah</u>	

18. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Status</u>	
(Other)		(Note: Report results of multiple completion on well Completion or Recompletion Report and Log form.)	
APPROX. DATE WORK WILL START _____		DATE OF COMPLETION _____	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

\* Must be accompanied by a cement verification report.

This well is currently shut in waiting for improved market conditions.

OIL AND GAS	
DRN	RJF
JOB	GLH
DTS	SLS
1- DMS	
2- MICROFILM	
3- FILE	

19. I hereby certify that the foregoing is true and correct

SIGNED Terry J. Cox TITLE Operations Manager DATE 6/15/90

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-8359	
2. NAME OF OPERATOR Arch Oil & Gas Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 1512 Larimer St., Suite 300, Denver, CO 80202		7. UNIT AGREEMENT NAME Main Canyon	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1605' FEL & 1941' FSL Sec. 17, T15S, R23E		8. FARM OR LEASE NAME Federal	
14. PERMIT NO. 43-047-30736 SGW		9. WELL NO. 7-17-15S-23E	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7663' GR		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 17, T15S, R23E	
		12. COUNTY OR PARISH Uintah	13. STATE Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐  
☐  
☐  
☐  
☐

PULL OR ALTER CASING

☐  
☐  
☐  
☐  
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐  
☐  
☐  
☐  
☐

FRACTURE TREATMENT

REPAIRING WELL

SHOOTING OR ACIDIZING

ALTERING CASING

(Other)

Status

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

This well is currently shut in waiting for improved market conditions.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

Operations Manager

DATE

11/27/90

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

# SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT— for such proposals.

6. Lease Designation and Serial Number

7. Indian Allottee or Tribe Name

8. Unit or Communitization Agreement

9. Well Name and Number

10. API Well Number

11. Field and Pool, or Wildcat

1. Type of Well

☐ Oil Well ☐ Gas Well ☐ Other (specify)

2. Name of Operator

Bonneville Fuels Corporation

3. Address of Operator

1660 Lincoln Street, Ste 1800, Denver, CO 80264

4. Telephone Number

(303) 863-1555

5. Location of Well

Footage :  
QQ, Sec, T., R., M. :

County :

State : UTAH

## 12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

### NOTICE OF INTENT (Submit in Duplicate)

- ☐ Abandonment ☐ New Construction  
☐ Casing Repair ☐ Pull or Alter Casing  
☐ Change of Plans ☐ Recompletion  
☐ Conversion to Injection ☐ Shoot or Acidize  
☐ Fracture Treat ☐ Vent or Flare  
☐ Multiple Completion ☐ Water Shut-Off  
☐ Other Change of Operator

Approximate Date Work Will Start

### SUBSEQUENT REPORT (Submit Original Form Only)

- ☐ Abandonment \* ☐ New Construction  
☐ Casing Repair ☐ Pull or Alter Casing  
☐ Change of Plans ☐ Shoot or Acidize  
☐ Conversion to Injection ☐ Vent or Flare  
☐ Fracture Treat ☐ Water Shut-Off  
☐ Other \_\_\_\_\_

Date of Work Completion

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Bonneville Fuels Corporation has acquired all of Arch Oil & Gas Company's interest in the wells on the attached list. Bonneville Fuels Corporation assumed operations of these wells August 31, 1991.

RECEIVED

SEP 13 1991

DIVISION OF  
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name & Signature Greg TwomblyTitle PresidentDate 9/11/91

(State Use Only)

# EXHIBIT "A"

Attached to and made a part of that certain Sundry Notice,  
executed August 30, 1991, Change of Operator.

<u>Well Name</u>	<u>Lease Number</u>
Dry Burn No. 1 (7-29-13-25)	U-10184 - Dry Burn Unit - Not approved as of 3-24-92
Federal 9-12-14-21	U-10272
Pine Springs Unit No. 1	U-27413 - Pine Springs Unit
(6-15-14-22)	U-27413
Federal 12-18-14-22	U-6841
Federal 8-20-14-22	U-10199
Federal 7-21-14-22	U-10199
Federal 13-26-14-22	U-27413
Federal 13-17-14-23	U-6613
Federal 1-25-14-23	U-38073
Federal 4-25-14-23	U-38073 - Trapp Springs Unit
Federal 16-25-14-23	U-38073
Federal 3-26-14-23	U-38071
Federal 6-35-14-23	U-32572
State 8-36-14-23	ML-18667 - Trapp Springs Unit
Federal 6-13-14-24	U-10132
Sweetwater No. 1 (12-14-14-24)	U-10133 - Sweetwater Cyn. Unit
Federal 1-L-23 (10-23-14-24)	U-10133
Rat Hole No. 1 (7-8-14-25)	U-3716A - Rat Hole Unit
Federal 3-11-15-21	U-6618
Federal 5-13-15-21	U-30112
Federal 6-14-15-21	U-10173
Federal 7-15-15-21	U-6618
State 8-2-15-22	ML-22320
State 11-2-15-22	ML-22320
Federal 2-18-15-22	U-30112
Federal 6-3-15-23	U-8361
Federal 4-4-15-23	U-8361
Federal 16-4-15-23	U-8361
Federal 8-7-15-23	U-9211
Federal 2-8-15-23	U-9211
Federal 6-8-15-23	U-9211
Federal 15-8-15-23	U-9211
Federal 11-10-15-23	U-8361
Federal 7-17-15-23	U-8359
Federal 7-30-15-23	U-8351
Federal 12-8-15-24	U-2836 - Black Horse Canyon Unit
Federal 14-15-15-24	U-2837
Blackhorse No. 2 (1-29-15-24)	U-2838 - Black Horse Canyon Unit
Federal 4-30-16-24	U-15889 - Middle Canyon Unit
Federal 11-30-16-24	U-30123



## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT— for such proposals

Type of Well

☐ Oil Well ☐ Gas Well ☐ Other (specify)

Name of Operator

Arch Oil & Gas Company

Address of Operator

1512 Larimer St., Suite 300, Denver, CO 80202

4. Telephone Number

(303) 573-6179

Location of Well

Footage :

County :

QQ, Sec. T., R., M. :

State : UTAH

### CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

#### NOTICE OF INTENT (Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment                     | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair                   | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                 | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection         | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat                  | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion             | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other <u>Change of Operator</u> |   |

Approximate Date Work Will Start \_\_\_\_\_

#### SUBSEQUENT REPORT (Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment *           | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____             |   |

Date of Work Completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Arch Oil & Gas Company has sold all of its interests in the attached wells to Bonneville Fuels Corporation. Bonneville Fuels Corporation will assume operations at 7:00 A.M. August 31, 1991.

RECEIVED

SEP 13 1991

DIVISION OF  
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name & Signature

Lee McCollum

*Lee McCollum*

Title Vice President

Date 8/30/91

(State Use Only)

OPERATOR BONNEVILLE FUELS CORPORATION

OPERATOR ACCT. NO. N 5685 <sup>9.2</sup>

ADDRESS (303) 863-1555

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D	08045	11598	43-047-30674	MAIN CYN 15-8-15-23	NWNE	8	15S	23E	UINTAH	1-10-81	1-12-94
WELL 1 COMMENTS: *DOGM REVIEW-MAIN CANYON UNIT TERMINATED 7-13-88. COMMON UNIT ENTITY 08045 NO LONGER APPLIES. (OPERATOR NOTIFIED OF CHANGE)											
D	08045	11599	43-047-30735	MAIN CYN 2-8-15-23	SWSE	8	15S	23E	UINTAH	10-8-80	1-12-94
WELL 2 COMMENTS:											
D	08045	11600	43-047-30736	MAIN CYN 7-17-15-23	NWSE	17	15S	23E	UINTAH	7-21-80	1-12-94
WELL 3 COMMENTS:											
D	08045	11601	<del>43-047-30977</del>	MAIN CYN 8-7-15-32	NESE	7	15S	23E	UINTAH	7-12-81	1-12-94
WELL 4 COMMENTS:											
D	08045	11602	43-047-31043	MAIN CYN 4-4-15-23	SWSW	4	15S	23E	UINTAH	7-26-81	1-12-94
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

L. CORDOVA (DOGM)

Signature

ADMIN. ANALYST

Title

1-12-94

Date

Phone No. ( )

- NO405

**ARCH OIL & GAS COMPANY**

P.O. BOX 2499  
MIDLAND, TEXAS 79702

January 14, 1992

**RECEIVED**  
**STATE TAX COMMISSION**

**JAN 23 1992**

**RECEIVED BY**  
**Auditing Division**

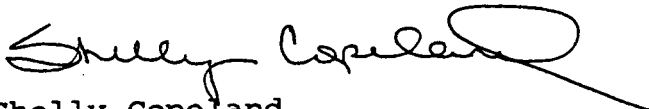
Oil and Gas Tax Returns  
Utah State Tax Commission  
160 E. 300 S  
Salt Lake City, Utah 84134-0550

Dear Sirs:

Please be advised that effective with September 91, sales Arch Oil no longer owns or operators any Utah wells. We sold our interest to Bonneville Fuels Corporation, 1660 Broadway Suite 1110, Denver Co 80202.

NS685  
If you have any further questions concerning this matter, please let me know.

Sincerely,



Shelly Copeland  
Revenue Department  
(915) 686-6467



# MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• ATTN SUSAN SEYEDAN  
ARCH OIL & GAS COMPANY  
PO BOX 2499  
MIDLAND TX 79702

MAR 12 1992

DIVISION OF  
OIL GAS & MINING

Utah Account No. N0405

Report Period (Month/Year) 2 / 92

Amended Report ☐

Well Name			Producing Zone	Days Oper	Production Volume		
API Number	Entity	Location			Oil (BBL)	Gas (MSCF)	Water (BBL)
PINE SPRING UNIT #1							
4304730284	00595	14S 22E 15	DKTA				
MAIN CYN 11-10-15-23							
4304730639	08045	15S 23E 10	CSLGT				
MAIN CYN 15-8-15-23							
4304730674	08045	15S 23E 8	DKTA				
MAIN CYN 2-8-15-23							
4304730735	08045	15S 23E 8	DKTA				
MAIN CYN 7-17-15-23							
4304730736	08045	15S 23E 17	DKTA				
MAIN CYN 8-7-15-32							
4304730977	08045	15S 23E 7	DKTA				
MAIN CYN 4-4-15-23							
4304731043	08045	15S 23E 4	DKTA				
MAIN CYN 6-8-15-23							
4304731073	08045	15S 23E 8	CSLGT				
MAIN CYN 16-4-15-23							
4304731111	08045	15S 23E 4	DKTA				
DRY BURN UNIT #1							
4304730331	08050	13S 25E 29	MNCS				
CROOKED CYN 13-17-14-23							
4304730619	08055	14S 23E 17	DKTA				
SWEETWATER CYN #1							
4304730460	08060	14S 24E 14	MNCSB				
SWEETWATER 6-13-14-24							
4304731040	08060	14S 24E 13	DKTA				
TOTAL							

*Dry Burn Unit - Not approved as of 3-24-92.*

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete.

Date

Authorized signature

Telephone

# Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.  
Initial each listed item when completed. Write N/A if item is not applicable.

Change of Operator (well sold)  
Designation of Operator

☐ Designation of Agent  
☐ Operator Name Change Only

Routing:	
1- VLR	7- ECH
2- DTS	7-5
3- VLC	
4- RJF	
5- RWM	
6- ADA	

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 8-31-91)

TO (new operator)	<u>BONNEVILLE FUELS CORPORATION</u>	FROM (former operator)	<u>ARCH OIL &amp; GAS COMPANY</u>
(address)	<u>1660 LINCOLN ST., STE 1800</u>	(address)	<u>1512 LARIMER ST., STE 300</u>
	<u>DENVER, CO 80264</u>		<u>DENVER, CO 80202</u>
	<u>GREG TWOMBLY, PRES.</u>		<u>LEE MCCOLLUM, V.P.</u>
	phone <u>(303) 863-1555</u>		phone <u>(303) 573-6179</u>
	account no. <u>N5685</u>		account no. <u>N0405</u>

Well(s) (attach additional page if needed):

Name: <u>*SEE ATTACHED*</u>	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

## OPERATOR CHANGE DOCUMENTATION

- 1 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 9-13-91)
- 2 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 9-13-91)
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_\_ If yes, show company file number: \_\_\_\_\_
- 1 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- 1 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (3-24-92)
- 1 6. Cardex file has been updated for each well listed above. (3-24-92)
- 1 7. Well file labels have been updated for each well listed above. (3-24-92)
- 1 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (3-24-92)
- 1 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

# ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

## VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no)       . Today's date                      19      . If yes, division response was made by letter dated                      19      .

## INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated                      19      , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.  
*memo sent 5/19/92*

## INDEXING

1. All attachments to this form have been microfilmed. Date: May 26 1992.

## INDEXING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

\* 3 wells - Still Arch O&G - will be handled on separate change.

## REMARKS

- 910918 Btm / Vernal "No doc. as of yet." 920320 Btm Approved non unit wells on 3-16-92.
- 911024 Btm / Vernal - "Not approved as of yet."
- 911101 Btm / S.F. Unit operator from Arch Oil & Gas to Bonneville Fuels eff. 10-30-91. Involves middle Canyon Unit, Trapp Springs Unit, Rat Hole Unit, and Black Horse Canyon Unit.
- 911125 Btm / S.F. (Pine Springs Unit, Dry Burn Unit, and Sweetwater Canyon Unit - Not approved)
- 91134-35 Btm / Vernal - Wells not in units - not approved as of yet.
- 911203 Btm / S.F. Unit operator from Arch O&G to Bonneville Fuels "Pine Springs Unit & Sweetwater Canyon Unit"

# ROUTING AND TRANSMITTAL SLIP

Date

TO: (Name, office symbol, room number,  
building, Agency/Post)

Initials

Date

1. Lisha Romero

2.

3.

4.

5.

Action	File	Note and Return
Approval	For Clearance	Per Conversation
As Requested	For Correction	Prepare Reply
Circulate	For Your Information	See Me
Comment	Investigate	Signature
Coordination	Justify	

REMARKS

MAR 20 12  
DIVISION OF  
CAL GAS SERVICE

DO NOT use this form as a RECORD of approvals, concurrences, disposals, clearances, and similar actions

FROM: (Name, org. symbol, Agency/Post)

Room No.—Bldg.

Sally Vernal BLM  
5041-102

Phone No.

789-1362

OPTIONAL FORM 41 (Rev. 7-76)  
Prescribed by GSA  
FPMR (41 CFR) 101-11.206

GPO : 1987 0 - 196-409

Lease Number	Well Name	API #	Location	Section	Township	Range
U-10184 <i>Denial</i>	Dry Burn No. 1	43047 30331	NW/SE	29	13S	25E
U-10272 <i>Accepted</i>	Federal 9-12-14-21	43047 31096	SE/NE	12	14S	21E
U-27413 <i>Accepted</i>	Pine Springs Unit No. 1	43047 30284	SE/SW	15	14S	22E
U-6841 <i>Accepted</i>	Federal 12-18-14-22	43047 31348	SW/NW	18	14S	22E
U-10199 <i>Accepted</i>	Federal 8-20-14-22	43047 31063	NE/SE	20	14S	22E
U-10199 <i>Accepted</i>	Federal 7-21-14-22	43047 31042	NW/SE	21	14S	22E
U-27413 <i>Accepted</i>	Federal 13-26-14-22	43047 31074	NW/NW	26	14S	22E
U-6613 <i>Approval</i>	Federal 13-17-14-23	43047 30619	NW/NW	17	14S	23E
U-38073 <i>Approval</i>	Federal 1-25-14-23	43047 30975	SE/SE	25	14S	23E
U-38073 <i>Accepted</i>	Federal 4-25-14-23	43047 30582	SW/SW	25	14S	23E
U-38073 <i>Approval</i>	Federal 16-25-14-23	43047 31041	NE/NE	25	14S	23E
U-38071 <i>Approval</i>	Federal 3-26-14-23	43047 31003	SE/SW	26	14S	23E
U-32572 <i>Approval</i>	Federal 6-35-14-23	43047 30791	NE/SW	35	14S	23E
ML-18667 <i>Accepted</i>	State 8-36-14-23	43047 30944	NE/SE	36	14S	23E
U-10132 <i>Accepted</i>	Federal 6-13-14-24	43047 31040	NE/SW	13	14S	24E
U-10133 <i>Accepted</i>	Sweetwater No. 1	43047 30460	SW/NW	14	14S	24E
U-10133 <i>Accepted</i>	Federal 1-L-23	43047 30332	NW/NE	23	14S	24E
U-3716A <i>Accepted</i>	Rat Hole No. 1	43047 30325	NW/SE	8	14S	25E
U-6618 <i>Approval</i>	Federal 3-11-15-21	43047 30622	SE/SW	11	15S	21E
U-30112 <i>Approval</i>	Federal 5-13-15-21	43047 31137	NW/SW	13	15S	21E
U-10173 <i>Approval</i>	Federal 6-14-15-21	43047 31027	NE/SW	14	15S	21E
U-6618 <i>Approval</i>	Federal 7-15-15-21	43047 31071	NW/SE	15	15S	21E
ML-22320 <i>Noted</i>	State 8-2-15-22	43047 31135	NE/SE	2	15S	22E
ML-22320 <i>Noted</i>	State 11-2-15-22	43047 30746	SE/NW	2	15S	22E
U-30112 <i>Approval</i>	Federal 2-18-15-22	43047 31091	SW/SE	18	15S	22E
U-8361 <i>Approval</i>	Federal 6-3-15-23	43047 31072	NE/SW	3	15S	23E
U-8361 <i>Approval</i>	Federal 4-4-15-23	43047 31043	SW/SW	4	15S	23E
U-8361 <i>Approval</i>	Federal 16-4-15-23	43047 31111	NE/NE	4	15S	23E
U-9211 <i>Approval</i>	Federal 8-7-15-23	43047 30977	NE/SE	7	15S	23E
U-9211 <i>Approval</i>	Federal 2-8-15-23	43047 30735	SW/SE	8	15S	23E
U-9211 <i>Approval</i>	Federal 6-8-15-23	43047 31073	NE/SW	8	15S	23E
U-9211 <i>Approval</i>	Federal 15-8-15-23	43047 30674	NW/NE	8	15S	23E
U-8361 <i>Approval</i>	Federal 11-10-15-23	43047 30639	SE/NW	10	15S	23E
U-8359 <i>Approval</i>	Federal 7-17-15-23	43047 30736	NW/SE	17	15S	23E
U-8351 <i>Denial</i>	Federal 7-30-15-23	43047 31247	NW/SE	30	15S	23E
U-2836 <i>Accepted</i>	Federal 12-8-15-24	43047 31104	SW/NW	8	15S	24E
U-2837 <i>Approval</i>	Federal 14-15-15-24	43047 31045	NE/NW	15	15S	24E
U-2838 <i>Accepted</i>	Blackhorse No. 2	43047 30248	SE/SE	29	15S	24E
Approved - U-15889 <i>Denial</i>	Federal 4-30-116-24	019 < 43047 30641	SW/SW	30	16S	24E
U-30123 <i>Denial</i>	Federal 11-30-16-24	43047 30925	NE/NW	30	16S	24E



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

5. Lease Designation and Serial No.  
U-8359

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Main Canyon

8. Well Name and No.

Federal 7-17-15S-23E

9. API Well No.

4304730736

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Uintah UT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Bonneville Fuels Corporation

3. Address and Telephone No.

1660 Lincoln, Suite 2200, Denver, CO 80264 (303) 863-1555

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1605 FEL, 1941' FSL Sec 17 T15S R23E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☒ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

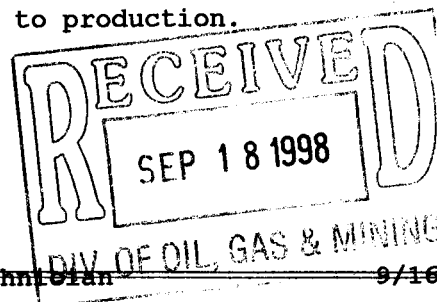
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Bonneville Fuels Corporation proposes to recomplete this well in the Mancos 'B' following the procedure listed below:

1. Kill well if necessary w/ 2% KCL water
2. GIH & tag PBTD. Clean out, flow test if significant fill is present.
3. Perforate Mancos 'B' formation & 5354-5444' & 5514-5607'
4. Set RBP @ 5630' & packer @ 5328', swab & flow test Mancos 'B'.
5. If necessary, break down perms w/ 7 1/2% HCL & frac w/ ±150,000# 16/30 sd & 50,000 gal 40# X-link gel.
6. Retrieve RBP & commingle w/Dakota zone. Return well to production.

COPY SENT TO OPERATOR  
Date: 9.29.98  
Initials: KDK



14. I hereby certify that the foregoing is true and correct

Engineering Technician

9/16/98

Signed

Title

Date

(This space for Federal

Approved by

Title

Date

Conditions of approval, if any:

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Federal Approval of this

Action is Necessary

Title 18 U.S.C. Section 1001, makes it a crime to knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

FOR RECORD ONLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
**Bonneville Fuels Corporation**

3. Address and Telephone No.  
**1660 Lincoln, Suite 2200, Denver, CO 80264 (303) 863-1555**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**1941' FSL, 1605' FEL Sec 17 T15S R23E**

5. Lease Designation and Serial No.  
**U-8359**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

**Main Canyon 7-17**

9. API Well No.  
**4304730736**

10. Field and Pool, or Exploratory Area  
**Main Canyon**

11. County or Parish, State

**Uintah UT**

12. **CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**TYPE OF SUBMISSION**

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

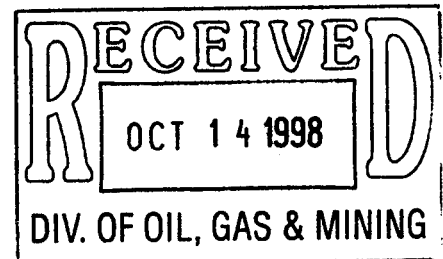
**TYPE OF ACTION**

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other **Status**  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Bonneville Fuels Corporation returned the above referenced well to production 9/04/98.



14. I hereby certify that the foregoing is true and correct

Signed

Title **Engineering Technician**

Date **10/08/1998**

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

5. Lease Designation and Serial No.  
U-8359

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Main Canyon

8. Well Name and No.

Federal 7-17-15S-23E

9. API Well No.

4304730736

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Uintah UT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Bonneville Fuels Corporation

3. Address and Telephone No.

1660 Lincoln, Suite 2200, Denver, CO 80264 (303) 863-1555

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1605 FEL, 1941' FSL Sec 17 T15S R23E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☒ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other

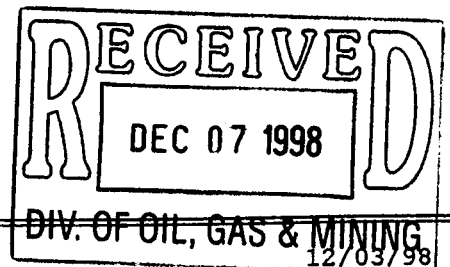
- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

10/07/98 MIRU Colorado Well Service. Kill well w/ 2% KCL water. POOH w/ 2 3/8" tubing. RIH & set RBP @ 5676'KB. Fill hole w/2% KCL & press. test casing to 3800#, 10 min. OK. Dump 1 sx sand on top of RBP. 10/9/98 Perforate Mancos "B" as follows:  
5366-5370'; 5384-5386'; 5391-5393'; 5433-5435'; 5442-5444'; 5516-5535'; 5540-5543'; 5546-5566'; 5570-5574'; 5578-5582'; 5590-5606'.

all with 1 jspf, total of 89 .38" holes. Acidize Mancos "B" perms w/1000 gal 15% HCL acid + additives. 10/27/98 Frac Mancos "B" w/1,459,280 scf CO<sub>2</sub>, 689 bbls 2% KCL water, 2500# 100 mesh & 105,000# 16/30 sand. Flowed well to clean up. GIH, fish & retrieve RBP @ 5676'. 11/14/98 Ran 2 3/8" tubing & landed @ 8405'KB. Flowed well to clean up. Returned well to production 11/23/98 commingled w/Dakota production.



14. I hereby certify that the foregoing is true and correct

Signed

TE Bouman

Title

Operations Manager

Date

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. U-8359																									
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input checked="" type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. REVR. <input checked="" type="checkbox"/> Other <i>Comma w/ data</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME																									
2. NAME OF OPERATOR Bonneville Fuels Corporation		7. UNIT AGREEMENT NAME Main Canyon																									
3. ADDRESS OF OPERATOR 1660 Lincoln, Suite 2200, Denver, CO 80264 (303) 862-1555		8. FARM OR LEASE NAME Federal																									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1605' FEL, 1941' FSL At top prod. interval reported below At total depth		9. WELL NO. 7-17-15S-23E																									
10. FIELD AND POOL, OR WILDCAT Wildcat		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 17 T15S R23E																									
12. COUNTY OR PARISH Uintah,		13. STATE UT																									
14. DIV OF OIL, GAS & MINING		15. DATE SPUDDED RC 10/07/98																									
16. DATE T.D. REACHED 10/09/98		17. DATE COMPL. (Ready to prod.) 10/09/98																									
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7663 KB		19. ELEV. CASINGHEAD																									
20. TOTAL DEPTH, MD & TVD 8665		21. PLUG, BACK T.D., MD & TVD 8620																									
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY																									
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5366-5606' Mancos "B"		25. WAS DIRECTIONAL SURVEY MADE																									
26. TYPE ELECTRIC AND OTHER LOGS RUN		27. WAS WELL CORED																									
28. CASING RECORD (Report all strings set in well)																											
<table border="1"><thead><tr><th>CASING SIZE</th><th>WEIGHT, LB./FT.</th><th>DEPTH SET (MD)</th><th>HOLE SIZE</th><th>CEMENTING RECORD</th><th>AMOUNT PULLED</th></tr></thead><tbody><tr><td>13 3/8"</td><td>48</td><td>520</td><td>17 1/2</td><td>360 SX</td><td></td></tr><tr><td>8 5/8</td><td>32</td><td>5079</td><td>12 1/4</td><td>750 SX</td><td></td></tr><tr><td>5 1/2</td><td>20</td><td>665</td><td>7 7/8</td><td>300 SX</td><td></td></tr></tbody></table>				CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	13 3/8"	48	520	17 1/2	360 SX		8 5/8	32	5079	12 1/4	750 SX		5 1/2	20	665	7 7/8	300 SX	
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350 psig	580 psig		0	80	0																						
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold.																											
35. LIST OF ATTACHMENTS gas analysis																											
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																											
SIGNED <i>T. Bump</i> TITLE Operations Manager DATE 12/03/1998																											

\*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

PHONE CONVERSATION DOCUMENTATION FORM

✓ Copy? ☐

Conversation Pertains to:

☒ WELL MAIN CANYON 7-17-15S-23E

☐ OTHER \_\_\_\_\_

Section 17 Township 15S Range 23E

API Number 43-047-30736

Topic of Conversation: PRODUCING ZONES & COMMINGLING OF PRODUCTION

Date of Phone Call: 12/18/98

Time: 8:20 AM

DOGM Employee (name): Don Staley

✓ Initiated Call? ☒

Spoke with:

Name: Tom Bowman - operations manager

✓ Initiated Call? ☐

Of (company/organization): Bonneville Fuels Corp Phone: 303-863-1555

Highlights of Conversation:

On 10/9/98, the MANCOS formation was perforated. The DAKOTA formation was left open. I asked the following:

Is production commingled downhole, or are there separate tubing strings, or is production from one zone being produced up the annulus. ANSWER: COMMINGLED DOWNHOLE

Bonneville Fuels does not want two separate lines for this well on their production report ("turn-around"). Tom said that would be very confusing. He suggested some sort of commingled zone name like the Dakota-mancos.



**Bonneville Fuels Corporation**

**February 2, 1999**

*[Faint, illegible handwritten notes and stamps, including a date stamp that appears to read "FEB 24 1999"]*

**State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
Attn Carol Daniels  
P O Box 145801  
Salt Lake City, UT 84114-5801**

**Re: Main Canyon 7-17-15-23 API # ~~43-047-30736~~**

**Dear Ms Daniels**

**Enclosed find most recent gas analysis for the above reference well per your request of 12/22/98.  
Note that this analysis is for the Mancos formation.**

**Sincerely,**

*[Handwritten signature of Doris Maly]*

**Doris Maly  
Engineering Technician.**

*[Handwritten initials]*

# Analysis

ANALYSIS ONLY

Date-Time: 11/06/98 22:21 Analysis Time: 225 Cycle Time: 240  
 Stream: 1 Stream 1 Mode: ANLY Cycle Start Time: 22:17  
 Analyzer: 4230 Strm Seq:1  
 Uintah Basin Technologies  
 Company: Bonneville Fuels well# 7-17 GP-11

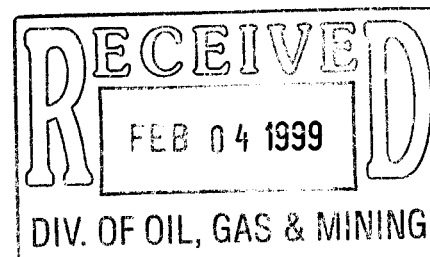
Component Name	Mole Percent	LiqVol Percent	Gallons/1000 SCF	BTU Gross	Relative Density
C6+ 47/35/17	0.4817	1.1478	0.2149	25.47	0.0160
PROPANE	5.0642	7.4367	1.3957	127.71	0.0771
i-BUTANE	0.6649	1.1591	0.2175	21.67	0.0133
n-BUTANE	1.2802	2.1510	0.4037	41.86	0.0257
i-PENTANE	0.2783	0.5430	0.1019	11.16	0.0069
n-PENTANE	0.2291	0.4422	0.0830	9.21	0.0057
NITROGEN	0.5439	0.3178	0.0596	0.00	0.0053
METHANE	73.7136	66.5698	0.0000	746.20	0.4083
CARBON DIOXIDE	9.7801	8.8833	1.6665	0.00	0.1486
ETHANE	7.9640	11.3494	2.1304	141.26	0.0827
TOTALS	100.0000	100.0000	4.5470	1124.55	0.7896

'\*' indicates user-defined components

Compressibility Factor (1/Z) @ 14.73000 PSIA & 60.0 DEG.F= 1.00353

Base Pressures 14.73000

Gross Dry BTU	=	1128.52	Corrected/Z
Gross SAT BTU	=	1108.88	Corrected/Z
Gallons/1000 SCF C2+	=	4.5470	
Gallons/1000 SFC C3+	=	2.4166	
Gallons/1000 SCF C4+	=	1.0209	
Gallons/1000 SCF C5+	=	0.3998	
Gallons/1000 SCF C6+	=	0.2149	
Real Relative Density Gas	=	0.7921	
Unnormalized Mole Percent	=	100.079	
WOBBE	=	1268.02	





Carbon Energy Corporation  
Carbon Energy Corporation (USA)  
CEC Resources Ltd.

8/30/02

State of Utah  
Attn: Jim Thompson  
Department of Natural Resources  
Division of Oil Gas & Mining.  
P. O. Box 145801  
Salt Lake City, UT 84114-5801

Re: Corporate Name Change

Dear Mr Thompson

Enclosed find Sundry (Form 9) with a list of wells for the corporate name change reflecting Carbon Energy Corporation (USA) replacing Bonneville Fuels Corporation, and a revised "Annual Waste Management Plan for Calendar Year 2002"

The Department of Commerce gave me the file number for the approved "Amending Authority to Conduct Affairs or Registration" file # 974912-0143.

The Utah state bonds are under # CD 1101292002 and CD 1101743005.

If you require any further information about our name change, please contact me at the number below.

Sincerely,

  
Doris Maly  
Engineering Technician

Encl. 2

**RECEIVED**

SEP 03 2002

DIVISION OF  
OIL, GAS AND MINING

1700 Broadway, Suite 1150, Denver, Colorado 80290 / (303) 863-1555 / Facsimile (303) 863-1558

1750, 530-8<sup>th</sup> Avenue, S.W., Calgary, Alberta T2P 3S8 / (403) 265-7605 / Facsimile (403) 262-8167



**STATE OF UTAH**  
**DEPARTMENT OF NATURAL RESOURCES**  
**DIVISION OF OIL, GAS AND MINING**

6. Lease Designation and Serial Number  
*See Attached List*

7. Indian Allottee or Tribe Name

8. Unit or Communitization Agreement

9. Well Name and Number

*See Attached List*

10. API Well Number

*See Attached List*

11. Field and Pool, or Wildcat

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
 Use APPLICATION FOR PERMIT -- for such proposals

1. Type of Well

☐ Oil Well

☒ Gas Well

☐ Other (specify) 2

2. Name of Operator

*Carbon Energy Corporation (USA)*

3. Address of Operator

*1700 Broadway, Suite 1150 Denver, CO 80290*

4. Telephone Number

*303 863-1555*

5. Location of Well

Footage

QQ, Sec. T., R., M : *See Attached List*

County :

State : *Utah & Grand County*

### 12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

#### NOTICE OF INTENT

(Submit in Duplicate)

- ☐ Abandonment  
☐ Casing Repair  
☐ Change of Plans  
☐ Conversion to Injection  
☐ Fracture Treat  
☐ Multiple Completion  
☐ Other \_\_\_\_\_

- ☐ New Construction  
☐ Pull or Alter Casing  
☐ Recompletion  
☐ Shoot or Acidize  
☐ Vent or Flare  
☐ Water Shut-Off

Approximate Date Work Will Start \_\_\_\_\_

#### SUBSEQUENT REPORT

(Submit Original Form Only)

- ☐ Abandonment \* ☐ New Construction  
☐ Casing Repair ☐ Pull or Alter Casing  
☐ Change of Plans ☐ Shoot or Acidize  
☐ Conversion to Injection ☐ Vent or Flare  
☐ Fracture Treat ☐ Water Shut-Off  
☒ Other Change of Operator Name

Date of Work Completion Effective 7/11/02

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

*Bonneville Fuels Corporation has changed its corporate name to Carbon Energy Corporation (USA) effective 7/11/02  
 The State of Utah Department of Commerce has issued an amendment of Authority to Conduct Affairs and issued file number 974912-0143.*

Signed: *Todd A. McDonald* *Todd A. McDonald*  
 VP Operations & Exploration

*Carbon Energy Corporation (USA), formerly Bonneville Fuels Corp., is now the operator of the attached list of wells, please correct your records to reflect this name change. All other information remains the same.*

**RECEIVED**

SEP 03 2002

14. I hereby certify that the foregoing is true and correct.

DIVISION OF

OIL, GAS AND MINING

Name & Signature

*Todd A. McDonald*

Title VP Operations & Exp

(State Use Only)

Wells to have Operator Name Changed State of Utah  
Carbon Energy Corporation (USA)

API Number	Well Name	Footage	Sec	Twp	Rge	Field	County	Lease #	Entity #
4304730639	MAIN CANYON 11-10-15-23	1623 FWL 2288 FNL	10	15S	23E	Main Canyon	Uintah	U-8361	11605
4304731073	MAIN CANYON 6-8-15-23	1969' FWL, 1978' FSL	8	15S	23E	Main Canyon	Uintah	U-9211	11606
4304731111	MAIN CANYON 16-4-15-23	1980' FWL, 1977' FSL	4	15S	23E	Main Canyon	Uintah	U-8361	11608
4304731135	STATE 8-2-15-22	1896 FSL 625 FEL	2	15S	22E		Uintah	ML-22320	8076
4304730746	STATE 11-2-15-22	1975 FNL 1935 FWL	2	15S	22E		Uintah	ML-22320	8074

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SEP 03 2002  
DIVISION OF  
OIL, GAS AND MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

In Reply Refer To:  
3106  
U-04967-C et al  
(UT-924)

**AUG 19 2002**

### NOTICE

Carbon Energy Corporation (USA)	:	Oil and Gas Leases
1700 Broadway, Suite 1150	:	
Denver, Colorado 80290	:	

### Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Bonneville Fuels Corporation to Carbon Energy Corporation (USA) on Federal oil and gas leases. For our purposes, the name change is recognized effective July 11, 2002, the date of acceptance by the Secretary of State of Colorado.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our automated records system. We have not abstracted the lease files to determine if the entity affected by the name change holds an interest in the leases identified nor have we attempted to identify leases where the entity is the operator on the ground maintaining no vested record title or operating rights interests. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the name change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

Due to the name change, the name of the principal on the statewide oil and gas bonds BLM Bond Nos. CO0743, MT1085, NM1755, and UT0604 automatically changed by operation of law from Bonneville Fuels Corporation to Carbon Energy Corporation (USA).

If you identify additional leases affected by the name change, please contact this office and we will document the files under our jurisdiction with a copy of this notice. If the leases are under the jurisdiction of another State Office, we will notify them.

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**AUG 20 2002**

**DIVISION OF  
OIL, GAS AND MINING**

**/s/ Robert Lopez**

Robert Lopez  
Chief, Branch of  
Minerals Adjudication

Enclosure

Exhibit of Leases

cc: MMS-MRM, MS357B1, Box 5760, Denver, CO 80217  
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC, UT 84114-5801  
Teresa Thompson (UT-922)  
Connie Seare (UT-924)  
Joe Incardine (UT-921)  
Vernal Field Office  
Moab Field Office  
Price Field Office  
San Juan Field Office  
All State Offices

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DIVISION OF  
OIL, GAS AND MINING

PCN : OG214P1  
RUN TIME: 10:59

DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
PROPRIETOR INDEX

PAGE: 1  
RUN DATE:

<u>PROPRIETOR NAME</u>	<u>ADDRESS</u>	<u>CITY</u>	<u>ST</u>	<u>ZIP</u>	<u>CAT</u>	<u>INTEREST RELATIONSHIP</u>	<u>CASE TYPE</u>	<u>SERIAL NUMBER</u>	<u>CASE DISP</u>
BONNEVILLE FUELS CORP	1700 BROADWAY #1150	DENVER	CO	80290	C	APPLICANT	314088	UTU----060566	PENDING
								UTU----060567	PENDING
								UTU----060568	PENDING
								UTU----060569	PENDING
								UTU----060570	PENDING
								UTU----067827	PENDING
						LESSEE	311111	UTU----003716A	AUTHORIZED
								UTU----006613	AUTHORIZED
								UTU----006614	AUTHORIZED
								UTU----006618	AUTHORIZED
								UTU----006635	AUTHORIZED
								UTU----006636	AUTHORIZED
								UTU----006841	AUTHORIZED
								UTU----008971	AUTHORIZED
								UTU----009063	AUTHORIZED
								UTU----009099	AUTHORIZED
								UTU----010132	AUTHORIZED
								UTU----010133	AUTHORIZED
								UTU----010152	AUTHORIZED
								UTU----010173	AUTHORIZED
								UTU----010180	AUTHORIZED
								UTU----010181	AUTHORIZED
								UTU----010182	AUTHORIZED
								UTU----010198	AUTHORIZED
								UTU----010199	AUTHORIZED
								UTU----010272	AUTHORIZED
								UTU----010274	AUTHORIZED
								UTU----010827	AUTHORIZED
								UTU----010832	AUTHORIZED
								UTU----010834	AUTHORIZED
								UTU----027413	AUTHORIZED
								UTU----038070	AUTHORIZED
								UTU----038071	AUTHORIZED
								UTU----038072	AUTHORIZED

RECEIVED  
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PROPRIETOR INDEX

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<u>PROPRIETOR NAME</u>	<u>ADDRESS</u>	<u>CITY</u>	<u>ST</u>	<u>ZIP</u>	<u>CAT</u>	<u>INTEREST RELATIONSHIP</u>	<u>CASE TYPE</u>	<u>SERIAL NUMBER</u>	<u>CASE DISP</u>
								UTU----038073	AUTHORIZED
								UTU----038076	AUTHORIZED
								UTU----045931	AUTHORIZED
								UTU---0004967C	AUTHORIZED
							311211	UTU----008351	AUTHORIZED
								UTU----008358	AUTHORIZED
								UTU----008359	AUTHORIZED
								UTU----008361	AUTHORIZED
								UTU----009211	AUTHORIZED
								UTU----015878	AUTHORIZED
								UTU----018442	AUTHORIZED
								UTU----028562	AUTHORIZED
								UTU----030112	AUTHORIZED
								UTU----031743	AUTHORIZED
							312011	UTU----038362	AUTHORIZED
								UTU----045933	AUTHORIZED
								UTU----052030	AUTHORIZED
							314011	UTU----059581	AUTHORIZED
					OPERATING RIGHTS		311111	UTU----006614	AUTHORIZED
								UTU----006618	AUTHORIZED
								UTU----006635	AUTHORIZED
								UTU----006636	AUTHORIZED
								UTU----006841	AUTHORIZED
								UTU----008971	AUTHORIZED
								UTU----010152	AUTHORIZED
								UTU----010180	AUTHORIZED
								UTU----010181	AUTHORIZED
								UTU----010182	AUTHORIZED
								UTU----010199	AUTHORIZED
								UTU----010272	AUTHORIZED
								UTU----010274	AUTHORIZED
								UTU----010827	AUTHORIZED
								UTU----010834	AUTHORIZED
								UTU----027413	AUTHORIZED

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								UTU---038071	AUTHORIZED
								UTU---038072	AUTHORIZED
								UTU---038073	AUTHORIZED
								UTU---0004967C	AUTHORIZED
							311211	UTU---002836	AUTHORIZED
								UTU---002837	AUTHORIZED
								UTU---002838	AUTHORIZED
								UTU---008351	AUTHORIZED
								UTU---008358	AUTHORIZED
								UTU---008359	AUTHORIZED
								UTU---010423	AUTHORIZED
								UTU---015878	AUTHORIZED
								UTU---031743	AUTHORIZED
							312011	UTU---016913	AUTHORIZED
								UTU---038362	AUTHORIZED
								UTU---045933	AUTHORIZED
								UTU---052030	AUTHORIZED
							314011	UTU---059581	AUTHORIZED
						OPERATOR	318210	UTU---063053X	AUTHORIZED
								UTU---063056X	AUTHORIZED
								UTU---063057X	AUTHORIZED
								UTU---063059X	AUTHORIZED
								UTU---063060X	AUTHORIZED
								UTU---063062X	AUTHORIZED
							318230	UTU---063053B	AUTHORIZED
								UTU---063053O	AUTHORIZED
								UTU---063056A	AUTHORIZED
								UTU---063057A	AUTHORIZED
								UTU---063057B	AUTHORIZED
								UTU---063057D	AUTHORIZED
								UTU---063057E	AUTHORIZED
								UTU---063057O	AUTHORIZED
								UTU---063059A	AUTHORIZED
								UTU---063060B	AUTHORIZED

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<u>PROPRIETOR NAME</u>	<u>ADDRESS</u>	<u>CITY</u>	<u>ST</u>	<u>ZIP</u>	<u>CAT</u>	<u>INTEREST</u> <u>RELATIONSHIP</u>	<u>CASE</u> <u>TYPE</u>	<u>SERIAL NUMBER</u>	<u>CASE</u> <u>DISP</u>
								UTU---0630600	AUTHORIZED
								UTU---063062A	AUTHORIZED
								UTU---0630620	AUTHORIZED

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OIL, GAS AND MINING



Wells to have Operator Name Changed State of Utah  
Carbon Energy Corporation (USA)

API Number	Well Name	Footage	Sec	Twp	Rge	Field	County	Lease #	Entity #
4301930136	ANDERSON FED 2	1159 FSL, 1462 FWL	12	16S	24E	East Canyon	Grand	UTU04967C	00583
4301930955	FEDERAL 24-1	726 FNL 2165 FEL	24	16S	24E	East Canyon	Grand	U-38362	00588
4304730284	PINE SPRING UNIT 1	1982 FWL 1980 FSL	15	14S	22E	Pine Springs	Uintah	U-27413	00595
4304730331	DRY BURN U 1	1447' FSL, 1389' FEL	29	13S	25E	Wildcat	Uintah	U-10184	08050
4304730619	CROOKED CANYON 13-17-14-23	683' FWL, 537' FNL	17	14S	23E	Wildcat	Uintah	UTU6613	08055
4304731040	SWEETWATER 6-13-14-24	1855' FWL, 2206' FSL	13	14S	24E	Sweetwater	Uintah	U-10132	08060
4304730460	SWEETWATER CANYON 1	718' FWL, 2132' FNL	14	14S	24E	Sweetwater	Uintah	U-10133	08060
4304730622	WOLF UNIT 3-11-15-21	1909' FWL, 994' FSL	11	15S	21E	Wolfpoint	Uintah	U6618	08065
4304731104	BLACK HORSE 12-8-15-24	612' FWL, 1934' FNL	8	15S	24E	Wildcat	Uintah	U-2836	08070
4304731045	BLACK HORSE 14-15-15-24	2156' FWL, 772' FNL	15	15S	24E	Wildcat	Uintah	UTU2837	08070
4304731137	FEDERAL 5-13-15-21	1976 FSL 661 FWL	13	15S	21E	Wolfpoint	Uintah	U-30112	08071
4304731027	FEDERAL 6-14-15-21	1980' FWL, 1977' FSL	14	15S	21E	Wolfpoint	Uintah	U-10173	08072
4304731071	FEDERAL 7-15-15-21	1817' FSL, 1657' FEL	15	15S	21E	Wolfpoint	Uintah	U-6618	08073
4304731091	FEDERAL 2-18-15-22	1927' FEL, 687' FSL	18	15S	22E	Wolfpoint	Uintah	U-30112	08077
4304730975	TRAPP SPRINGS 1-25-14-23	456' FSL, 1198' FEL	25	14S	23E	Main Canyon	Uintah	U-38073	08081
4304731041	TRAPP SPRINGS 16-25-14-23	838' FNL, 800' FEL	25	14S	23E	Main Canyon	Uintah	U-38073	08081
4304731003	TRAPP SPRINGS 3-26-14-23	1058' FLS, 1627' FWL	26	14S	23E	Main Canyon	Uintah	U-38071	08081
4304730791	TRAPP SPRINGS 6-35-14-23	2610 FWL 1500 FSL	35	14S	23E	Wildcat	Uintah	U-32572	08081
4304731042	PINE SPRINGS 7-21-14-22	2410 FEL 2210 FSL	21	14S	22E	Pine Springs	Uintah	U-10199	08086
4304731063	PINE SPRINGS 8-20-14-22	2039 FSL 689 FEL	20	14S	22E	Pine Springs	Uintah	U-10199	08086
4301931072	MAIN CANYON 6-3-15-23	2107' FWL, 2153' FSL	3	15S	23E	Main Canyon	Uintah	U-8361	08245
4304731077	FEDERAL 1-34	1797 FSL 800 FEL	34	16S	24E	Bryson Canyon	Grand	U-52030	09280
4301931078	FEDERAL 2-34	905 FSL 1533 FWL	34	16S	24E	Bryson Canyon	Grand	U-52030	09285
4304730332	FEDERAL 10-23-14S-24E (1-L-23)	1322' FNL, 1815' FEL	23	14S	24E	Sweetwater	Uintah	U-10133	09560
4304730325	RAT HOLE CANYON 1	2156' FSL, 1993' FEL	8	14S	25E	Wildcat	Uintah	U-3716A	09565
4304731096	PINE SPRINGS 9-12-14-21	1848 FNL 686 FEL	12	14S	21E	Pine Springs	Uintah	U-10272	10772
4304731348	FEDERAL 12-18-14-22	566 FWL 2305 FNL	18	14S	22E	Pine Springs	Uintah	U-6841	10772
4304731074	PINE SPRINGS 13-26-14-22	676 FWL 650 FNL	26	14S	22E	Pine Springs	Uintah	U-27413	10773
4304731074	PINE SPRINGS 13-26-14-22	676 FWL 650 FNL	26	14S	22E	Pine Springs	Uintah	U-27413	10773
4304730582	TRAPP SPRINGS 4-25-14-23	717 FWL 695 FSL	25	14S	23E	Main Canyon	Uintah	U-38073	10894
4304730944	MAIN CANYON 8-36-14-23	2018' FSL, 597' FEL	36	14S	23E	Main Canyon	Uintah	ML-18667	10895
4304730248	BLACK HORSE 2	555' FEL, 528' FSL	29	15S	24E	Wildcat	Uintah	U2838	10897
4304730674	MAIN CANYON 15-8-15-23	1058 FNL 2348 FEL	8	15S	23E	Main Canyon	Uintah	U-9211	11598
4304730735	MAIN CANYON 2-8-15-23	827 FSL 1715 FEL	8	15S	23E	Main Canyon	Uintah	U-9211	11599
4304730736	MAIN CANYON 7-17-15-23	1605 FEL 1941 FSL	17	15S	23E	Main Canyon	Uintah	U-8359	11600
4304730977	MAIN CANYON 8-7-15-32	1827' FSL, 649' FEL	7	15S	23E	Main Canyon	Uintah	U-9211	11601
4304731043	MAIN CANYON 4-4-15-23	376 FWL 923 FSL	4	15S	23E	Main Canyon	Uintah	U-8361	11602

### 3. FILE

## Merger

Unit:

[illegible]

5. If **NO**, the operator was contacted contacted on: N/A

6. (R649-9-2)Waste Management Plan has been received on: 09/03/2002

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 07/11/2002

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 07/11/2002

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

1. Changes entered in the Oil and Gas Database on: 09/04/2002

2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 09/04/2002

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: N/A

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UT 0604

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: N/A

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number N/A

2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

**COMMENTS:**

**STATE OF UTAH**  
**DEPARTMENT OF NATURAL RESOURCES**  
**DIVISION OF OIL, GAS AND MINING**

DIVISION OF OIL, GAS AND MINING		6. Lease Designation and Serial Number
<p align="center"><b>SUNDRY NOTICES AND REPORTS ON WELLS</b></p> <p>Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT – for such proposals</p>		7. Indian Allottee or Tribe Name
<p>1. Type of Well</p> <p><input type="checkbox"/> Oil Well      <input checked="" type="checkbox"/> Gas Well      <input type="checkbox"/> Other (specify) <u>  ?  </u></p>		8. Unit or Communitization Agreement
<p>2. Name of Operator</p> <p><i>Carbon Energy Corporation (USA)</i>      <i>N2225</i></p>		9. Well Name and Number
<p>3. Address of Operator</p> <p><i>1401 17th Street, Suite 1200, Denver, CO 80202</i></p>		10. API Well Number
<p>4. Telephone Number</p> <p><i>303 298-8100</i></p>		11. Field and Pool, or Wildcat
<p>5. Location of Well</p> <p>Footage : _____ County : _____</p> <p>QQ, Sec, T., R., M : See Attached List      State : _____</p>		
<p>12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</p>		

<p style="text-align: center;"><b>NOTICE OF INTENT</b> (Submit in Duplicate)</p> <table border="0" style="width: 100%;"> <tr> <td><input type="checkbox"/> Abandonment</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Recompletion</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Multiple Completion</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input type="checkbox"/> Other _____</td> <td></td> </tr> </table> <p>Approximate Date Work Will Start _____</p>	<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____		<p style="text-align: center;"><b>SUBSEQUENT REPORT</b> (Submit Original Form Only)</p> <table border="0" style="width: 100%;"> <tr> <td><input type="checkbox"/> Abandonment *</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input checked="" type="checkbox"/> Other <u>Change of Operator</u></td> <td></td> </tr> </table> <p>Date of Work Completion _____</p> <p>Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.</p> <p>* Must be accompanied by a cement verification report.</p>	<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off	<input checked="" type="checkbox"/> Other <u>Change of Operator</u>	
<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction																										
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing																										
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion																										
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize																										
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare																										
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off																										
<input type="checkbox"/> Other _____																											
<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction																										
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing																										
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize																										
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare																										
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off																										
<input checked="" type="checkbox"/> Other <u>Change of Operator</u>																											

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

*Effective January 1, 2004 Carbon Energy Corporation (USA) transferred operations to Evergreen Operating Corporation for the wells indicated on the attached list.*

**Change of Operator TO:**

Name & Signature for Evergreen Scott Zimmerman Title VP Operations & Engineering Date: N2545

**14. I hereby certify that the foregoing is true and correct.**

**Change of Operator FR:**

Name & Signature for Carbon Todd S. McDonald Title VP Explor. & Prod. Date 01/08/04

**(State Use Only)**

RECEIVED  
JAN 20 2004  
DIV. OF OIL, GAS & MINING

Attachment to Form 9							
Wells to have Change of Operator Made - State of Utah							
Carbon Energy Corporation (USA) to Evergreen Operating Corporation							
API Number	Well Name	Footage	Sec	Twp	Rge	Field	County
4304730746	STATE 11-2-15-22	1935' FWL, 1975' FNL	2	15S	22E	Wildcat	Uintah
4304731135	STATE 8-2-15-22	1896' FSL, 625' FEL	2	15S	22E	Wildcat	Uintah
4304731348	FEDERAL 12-18-14-22	566 FWL 2305 FNL	18	14S	22E	Pine Springs	Uintah
4304731074	PINE SPRINGS 13-26-14-22	676 FWL 650 FNL	26	14S	22E	Pine Springs	Uintah
<del>4304731074</del>	<del>PINE SPRINGS 13-26-14-22</del>	<del>676 FWL 650 FNL</del>	<del>26</del>	<del>14S</del>	<del>22E</del>	<del>Pine Springs</del>	<del>Uintah</del>
4304730582	TRAPP SPRINGS 4-25-14-23	717 FWL 695 FSL	25	14S	23E	Main Canyon	Uintah
4304730944	MAIN CANYON 8-36-14-23	2018' FSL, 597' FEL	36	14S	23E	Main Canyon	Uintah
4304730248	BLACK HORSE 2 (1-29-15-24)	555' FEL, 528' FSL	29	15S	24E	Wildcat	Uintah
4304730674	MAIN CANYON 15-8-15-23	1058 FNL 2348 FEL	8	15S	23E	Main Canyon	Uintah
4304730735	MAIN CANYON 2-8-15-23	827 FSL 1715 FEL	8	15S	23E	Main Canyon	Uintah
4304730736	MAIN CANYON 7-17-15-23	1605 FEL 1941 FSL	17	15S	23E	Main Canyon	Uintah
4304730977	MAIN CANYON 8-7-15-32	1827' FSL, 649' FEL	7	15S	23E	Main Canyon	Uintah
4304731043	MAIN CANYON 4-4-15-23	376 FWL 923 FSL	4	15S	23E	Main Canyon	Uintah
4304730639	MAIN CANYON 11-10-15-23	1623 FWL 2288 FNL	10	15S	23E	Main Canyon	Uintah
4304731073	MAIN CANYON 6-8-15-23	1969' FWL, 1978' FSL	8	15S	23E	Main Canyon	Uintah
4304731111	MAIN CANYON 16-4-15-23	1980' FWL, 1977' FSL	4	15S	23E	Main Canyon	Uintah
4301930136	ANDERSON FED 2	1159 FSL, 1462 FWL	12	16S	24E	East Canyon	Grand
4301930955	FEDERAL 24-1	726 FNL 2165 FEL	24	16S	24E	East Canyon	Grand
4304730284	PINE SPRING UNIT 1	1982 FWL 1980 FSL	15	14S	22E	Pine Springs	Uintah
4304730331	DRY BURN U 1	1447' FSL, 1389' FEL	29	13S	25E	Wildcat	Uintah
4304730619	CROOKED CANYON 13-17-14-23	683' FWL, 537' FNL	17	14S	23E	Wildcat	Uintah
4304731040	SWEETWATER 6-13-14-24	1855' FWL, 2206' FSL	13	14S	24E	Sweetwater	Uintah
4304730460	SWEETWATER CANYON 1	718' FWL, 2132' FNL	14	14S	24E	Sweetwater	Uintah
4304730622	WOLF UNIT 3-11-15-21	1909' FWL, 994' FSL	11	15S	21E	Wolfpoint	Uintah
4304731104	BLACK HORSE 12-8-15-24	612' FWL, 1934' FNL	8	15S	24E	Wildcat	Uintah
4304731045	BLACK HORSE 14-15-15-24	2156' FWL, 772' FNL	15	15S	24E	Wildcat	Uintah
4304731137	FEDERAL 5-13-15-21	1976 FSL 661 FWL	13	15S	21E	Wolfpoint	Uintah
4304731027	FEDERAL 6-14-15-21	1980' FWL, 1977' FSL	14	15S	21E	Wolfpoint	Uintah
4304731071	FEDERAL 7-15-15-21	1817' FSL, 1657' FEL	15	15S	21E	Wolfpoint	Uintah
4304731091	FEDERAL 2-18-15-22	1927' FEL, 687' FSL	18	15S	22E	Wolfpoint	Uintah
4304730975	TRAPP SPRINGS 1-25-14-23	456' FSL, 1198' FEL	25	14S	23E	Main Canyon	Uintah
4304731041	TRAPP SPRINGS 16-25-14-23	838' FNL, 800' FEL	25	14S	23E	Main Canyon	Uintah
4304731003	TRAPP SPRINGS 3-26-14-23	1058' FLS, 1627' FWL	26	14S	23E	Main Canyon	Uintah
4304730791	TRAPP SPRINGS 6-35-14-23	2610 FWL 1500 FSL	35	14S	23E	Wildcat	Uintah
4304731042	PINE SPRINGS 7-21-14-22	2410 FEL 2210 FSL	21	14S	22E	Pine Springs	Uintah
4304731063	PINE SPRINGS 8-20-14-22	2039 FSL 689 FEL	20	14S	22E	Pine Springs	Uintah
4304731072	MAIN CANYON 6-3-15-23	2107' FWL, 2153' FSL	3	15S	23E	Main Canyon	Uintah
4304731077	FEDERAL 1-34	1797 FSL 800 FEL	34	16S	24E	Bryson Canyon	Grand
4301931078	FEDERAL 2-34	905 FSL 1533 FWL	34	16S	24E	Bryson Canyon	Grand
4304730332	FEDERAL 10-23-14S-24E (1-L-23)	1322' FNL, 1815' FEL	23	14S	24E	Sweetwater	Uintah
4304730325	RAT HOLE CANYON 1	2156' FSL, 1993' FEL	8	14S	25E	Wildcat	Uintah
4304731096	PINE SPRINGS 9-12-14-21	1848 FNL 686 FEL	12	14S	21E	Pine Springs	Uintah
4304734675	PINE SPRINGS 3-23-14-22	460' FSL 2175' FWL	23	14S	22E	Pine Springs	Uintah
4304734676	PINE SPRINGS 12-23-14-22	2052' FNL 462'FWL	23	14S	22E	Pine Springs	Uintah
4304734941	BONANZA FED 15-27-10-25	475' FNL, 1790'	27	10S	25E	Wildcat	Uintah
4304734674	PINE SPRINGS 9-23-14-22	2129' FNL 375' FEL	23	14S	22E	Pine Springs	Uintah

State Orig + Copy

FORM 3160-5  
(June 1990)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reenter a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

**1. Type of Well**

Oil Gas  
☐ Well ☒ Well ☐ Other

**2. Name of Operator**

BONNEVILLE FUELS CORPORATION

**3. Address and Telephone No.**

1700 BROADWAY, SUITE 1150, DENVER, CO 80290 303-863-1555

**4. Location of Well (Footage, Sec., T., R., M., or Survey Description)**

1941' FSL & 1605' FEL NW SE Sec 17-T15S-R23E

**5. Lease Designation and Serial No.**

U-8359

**6. If Indian, Allottee or Tribe Name**

NA

**7. If Unit or CA, Agreement Designation**

**8. Well Name and No.**

Federal 7-17-15-23

**9. API Well No.**

4304730736

**10. Field and Pool, or Exploratory Area**

Main Canyon

**11. County or Parish, State**

Uintah, Utah

**12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**TYPE OF SUBMISSION**

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

**TYPE OF ACTION**

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Production Pit Closure  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

**13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\***

Bonneville Fuels completed the excavation and remediation of two (2) existing production pits.  
Site contamination was reduced below State of Utah requirements for TPH & BTEX & sodium contamination in 2001.  
Final closure was achieved in 2001 and a final BLM field inspection approved the clean-up.  
These excavations were back-filled with high Nitrogen fertilizer & remediated fill.

A 55 Bbl. drain tank was installed within the tank battery berm to prevent further soil contamination.

A Final Report of reclamation activities and remediation results is attached for your review and approval.

**14. I hereby certify that the foregoing is true and correct**

Signed R.A. Schwering, P.E.

Title Production Manager

Date 07/01/2002

(This space for Federal or State office use)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instructions on Reverse Side

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
**FOR RECORD ONLY**

RECEIVED  
APR 10 2003  
DIV. OF OIL, GAS & MINING

**Production Pit Closure Report  
Carbon Energy Well Fields  
South of Vernal, Utah  
Main Canyon Federal #7-17-15S-23E  
(Site 7-17)**

**Table of Contents**

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Site Schematic	3
Photographs	4
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Attachment A – Evaluation Score Ranking	
Attachment B – Natural Gas Pit Closure Methodology	

**Production Pit Closure Report  
Carbon Energy Well Fields  
South of Vernal, Utah  
Main Canyon Federal #7-17-15S-23E  
(Site 7-17)**

This report describes the closure of two gas well pits for Carbon Energy Corporation in well fields south of Vernal, Utah at Main Canyon Federal #7-17-15S-23E (Site 7-17) during fall 2001.

## **Applicable Regulatory Standards**

Site 7-17 is a Level I or low sensitivity site. See Attachment A, Evaluation Ranking Score Worksheet for the site. The Total Petroleum Hydrocarbon (TPH) standard for a Level I or low sensitivity site is 10,000 parts per million (ppm).

In addition to the TPH standard, the following salinity standards apply:

- Electrical Conductivity <4 mmho/cm which approximates total dissolved solids (TDS) of 2560 mg/l
- Exchangable sodium percentage (ESP) <15%
- Sodium adsorption ratio (SAR) <12

OR

If natural background soil characteristics show poorer quality than that depicted by these limits or if a higher level consistent with intended land use can be demonstrated then these limits can be exceeded.

## **Remediation Activities**

At Site 7-17, there were two pits. Pit 1 had received condensate from a  $\text{CaCl}_2$  dryer. Pit 2 had received condensate from a tank.

The pits were excavated using a backhoe and bulldozer. Excavated soils were mixed with site soils and placed in low piles.

## **Sampling and Testing Activities**

At all closure sites, composite samples of the excavation bottoms and the piles were taken. Samples were tested using the Miran test kit which was validated with laboratory analysis using EPA Method 418.1. See attachment B for a description and discussion of the Miran test kit, the test results, and laboratory validation. No pit was closed until it exhibited a test result of 7,000 ppm or less on the Miran test.



At Site 7-17, after initial excavation, composite sample of both pit bottoms and two on-site piles were collected on September 28, 2001 and analyzed for TPH using the Miran test kit. The sample from Pit 2 exceeded the TPH standard. See Table 1 for the results.

Pit 2 was excavated further, with additional soil being mixed into Pile 2. Pit 2 and Pile 2 were retested on October 10, 2001. These sample results met the TPH standard. See Table 1 for the results.

**Table 1**  
**Test Results For Site 7-17**

<b>Description</b>	<b>Date</b>	<b>Miran Result</b>	<b>Laboratory Result</b>
Pit 1 (CaCl <sub>2</sub> dryer)	September 28, 2001	2,644	NA
Pit 2 (tank)	September 28, 2001	7,992	11,000
Pit 2 #2 (tank)	October 10, 2001	396	NA
Pile 1 (CaCl <sub>2</sub> dryer)	September 28, 2001	7,800	NA
Pile 2 (tank)	September 28, 2001	552	NA
Pile 2 #2 (tank)	October 10, 2001	924	NA

NA = Not applicable

After passing the TPH standard, both pits were closed.

The attached site schematic presents the site layout. Photo locations are marked on the site schematic. The attached photos show the site, pits, and piles.

## **Salinity Results**

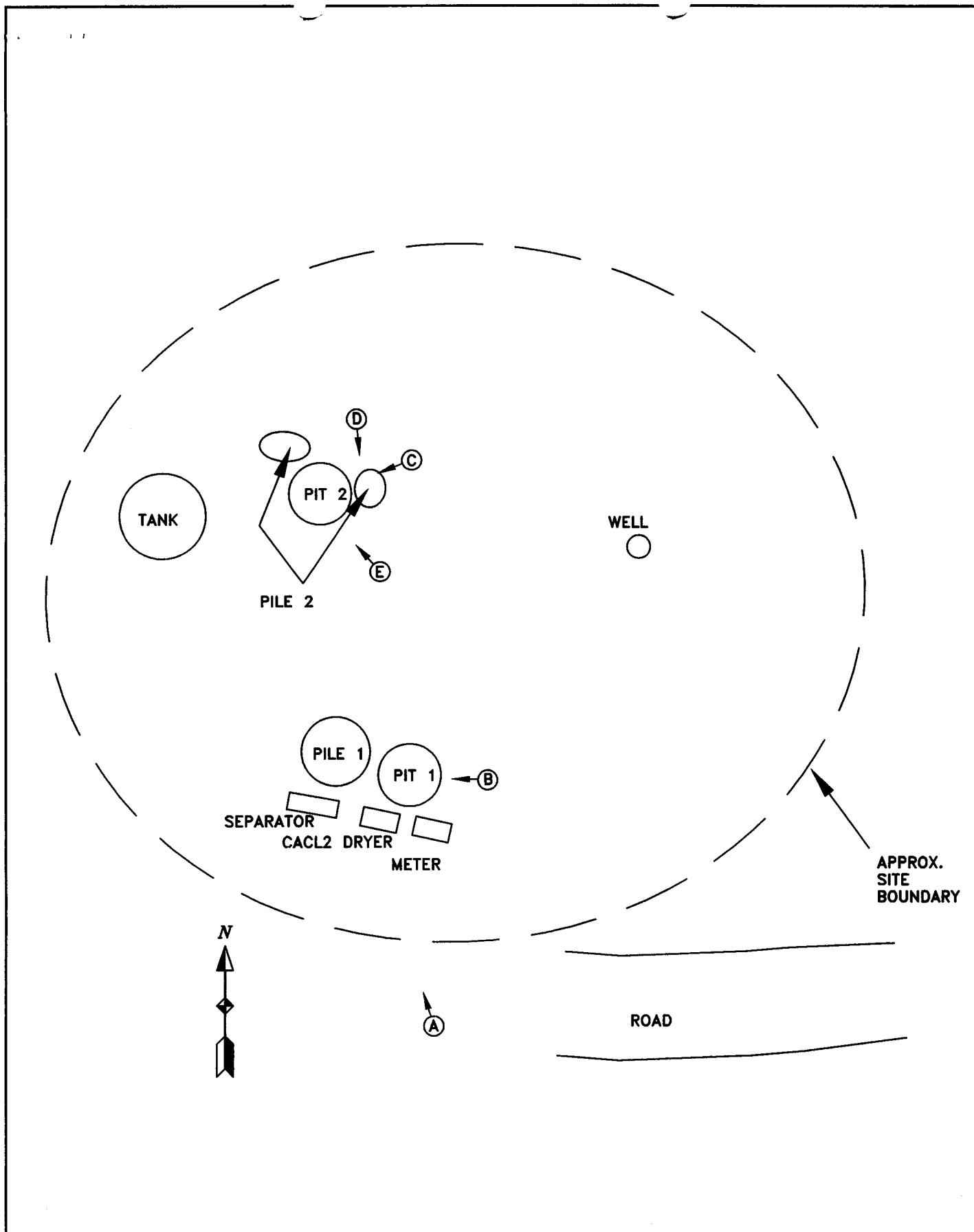
A composite sample of the soil in piles was collected and sent to ACZ Laboratory, Steamboat Springs, Colorado, for salinity testing. Table 2 presents the salinity results.

**Table 2**  
**Salinity Results**

<b>Test Description</b>	<b>Result</b>
Electrical Conductivity	0.493 mmhos/cm
Exchangeable Sodium Percentage (ESP)	2.4
Sodium Adsorption Ratio (SAR)	0.96

## **References**

Utah Division Of Oil, Gas & Mining, January 1996. *Environmental Handbook, Environmental Regulations for the Oil & Gas Exploration and Production Industry*. Prepared by G.L. Hunt, Environmental Manager.







<p>PREPARED BY</p>  <p>EME SOLUTIONS, INC. 15248 W. ELLSWORTH DR. GOLDEN, CO 80401 303-279-1707</p>	<p>PREPARED FOR</p> <p>Carbon Energy 1700 Broadway, Suite 1150 Denver, CO 80290-1700</p>	<p>TITLE</p> <p>SITE 7-17 SITE SCHEMATIC</p> <table border="1"> <tr> <td>Project: Carbon</td><td>Date: 11-19-01</td><td>Revision</td></tr> <tr> <td>Scale: NTS</td><td>File: site 7-17</td><td></td></tr> </table>	Project: Carbon	Date: 11-19-01	Revision	Scale: NTS	File: site 7-17	
Project: Carbon	Date: 11-19-01	Revision						
Scale: NTS	File: site 7-17							



Photo 1. Overall Site 9-28-01 (from Location A on Schematic)

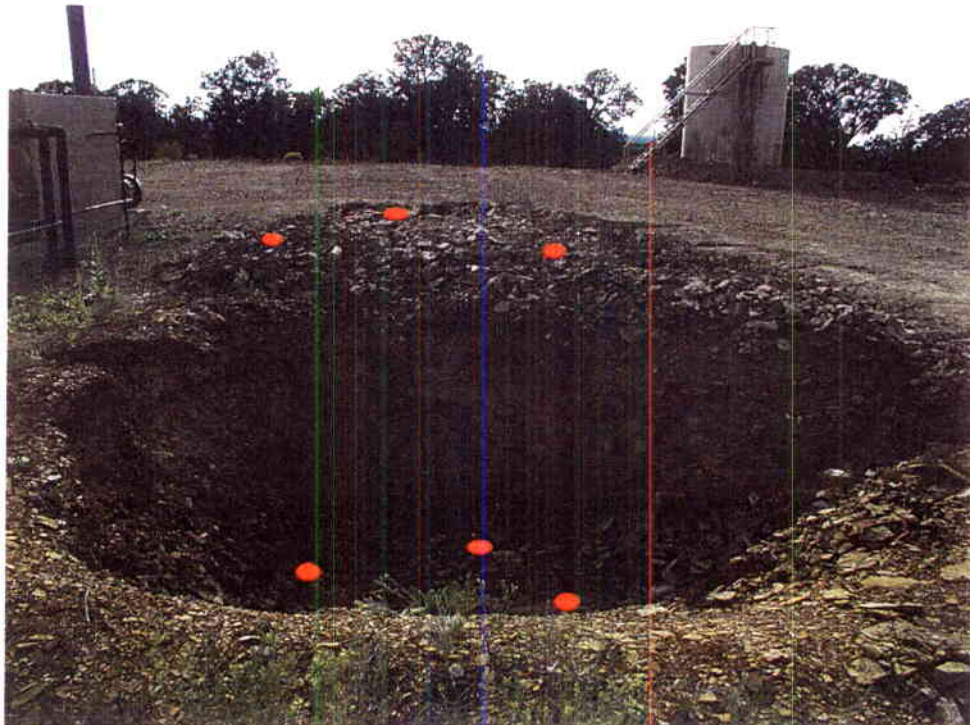


Photo 2. Pit 1 and Pile 1 Sampling Locations 9-28-01 (from Location B on Schematic)



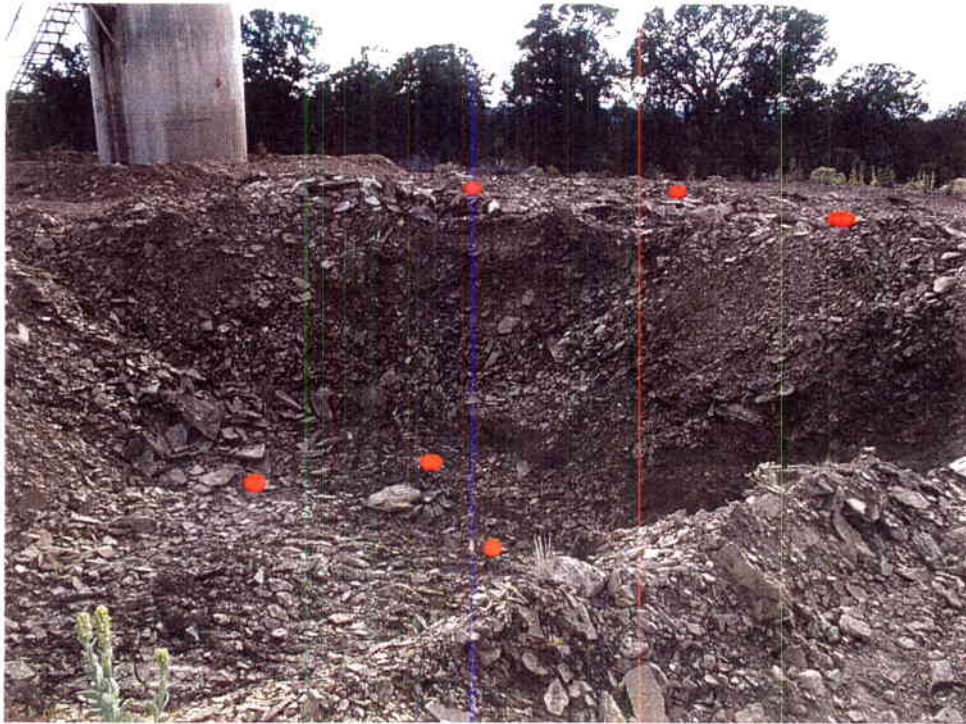


Photo 3. Pit 2 and Pile 2 Sampling Locations 9-28-01 (from Location C on Schematic)



Photo 4. Pile 2 (East Pile) Sampling Locations 9-28-01 (from Location D on Schematic)



Photo 5. Pit 2 and Pile 2 Sampling Locations 10-10-01 (from Location E on Schematic)

**Attachment A**  
**Evaluation Score Ranking**

**Site Designation 7-17**  
**Evaluation Ranking Criteria and Ranking Score For Oily Waste Cleanup Levels**

<b>Site-Specific Factors</b>	<b>Ranking Score</b>	<b>Site Ranking Score</b>
<b>Distance to Groundwater (feet)</b> >100 100 to 75 75 to 50 50 to 25 25 to 10 <10, or recharge area	0 4 8 12 16 20	0
<b>Native Soil Type</b> Low permeability Moderate permeability High permeability	0 10 20	10
<b>Annual Precipitation (inches)</b> <10 10 to 20 >20	0 5 10	5
<b>Distance to Nearest Municipal Water Well (feet)</b> >5280 1320 to 5280 500 to 1320 <500	0 6 8 10	0
<b>Distance to Other Water Well (feet)</b> >1320 300 to 1320 <300	0 5 10	0
<b>Distance to Surface Water (feet)</b> >1000 300 to 1000 <300	0 5 10	0

<b>Affected Populations</b> <100 100 to 300 >3000	0	0
	5	
	10	
<b>Presence of Nearby Utility Conduits</b> Not present Unknown Present	0	0
	8	
	10	
<b>Final Score</b>		15

### **Levels of Environmental Sensitivity and Recommended Cleanup Levels for Soils and Oily Wastes**

Total Petroleum Hydrocarbon (TPH in mg/kg or ppm)

#### **Level I**

Total Points      less than 50

TPH \*,\*\*      10,000

#### **Level II**

Total Points      greater than or equal to 50

#### **TPH \***

For all scores totaling greater than or equal to 50, the cleanup level will be calculated using the formula below (10,000 ppm and 30 ppm TPH are the upper and lower limits of cleanup required).

$.005 \times 100 = .5 \div \text{fraction benzene in soil} = \text{cleanup level in ppm}$

Where:      .005 = maximum contaminant level for benzene in ppm

100 = attenuation factor (EPA,1980)

Example:  $.005 \times 100 = .5 \div .0001 = 5,000 \text{ ppm TPH}$

for .01% benzene level in waste or soil to be abandoned

% TPH which is benzene is an indication of aqueous solubility of the waste



**Attachment B**  
**Natural Gas Pit Closure Methodology**

**Natural Gas Pit Closure Methodology  
Carbon Energy Well Fields  
South of Vernal, Utah**

**Prepared for:**

Carbon Energy Corporation  
1700 Broadway Street, Suite 1150  
Denver, CO 80290-1700

**Prepared by:**

EME Solutions, Inc.  
15248 W. Ellsworth Dr.  
Golden, CO 80401  
303-279-1707

November 5, 2001

This report describes the methodology used for closure of multiple gas well pits for Carbon Energy Corporation in well fields south of Vernal, Utah during fall 2001.

## **Applicable Regulatory Standards**

For the most part, the gas well pits had received condensate from separators,  $\text{CaCl}_2$  dryers, and compressors. Many of the wells are currently inactive. At active wells, closed tanks have been installed to replace the earthen pits.

The pits were closed in accordance with the guidance within the Environmental Handbook (Utah Division Of Oil, Gas & Mining, January 1996). The guidance states that sites should be designated as Level I (low sensitivity) or Level II (high sensitivity) based on a Site Ranking Score, which can range from 0 to 100. Sites with Site Ranking Scores greater than or equal to 50 are Level II (high sensitivity) sites. The Total Petroleum Hydrocarbon (TPH) standard for Level I or low sensitivity sites is 10,000 parts per million (ppm). The TPH standard for Level II or high sensitivity sites is a sliding scale from 30 ppm to 10,000 ppm. The Level II standard for TPH is set based on the benzene content of the soils or waste to remain on site, with the goal that benzene does not exceed 50 ppm in soils or waste.

All of the Carbon Energy pit sites received a Site Ranking Score of less than 50. Therefore, all of the sites were classified as Level I or low sensitivity. However, certain sites scored 45 points, and at these sites benzene levels were checked to ensure that benzene levels were less than 50 ppm.

In addition to the TPH standard, the following salinity standards apply:

- Electrical Conductivity <4 mmho/cm which approximates total dissolved solids (TDS) of 2560 mg/l
- Exchangable sodium percentage (ESP) <15%
- Sodium adsorption ratio (SAR) <12

OR

If natural background soil characteristics show poorer quality than that depicted by these limits or if a higher level consistent with intended land use can be demonstrated then these limits can be exceeded.

## **Remediation Activities**

The pits were excavated using a backhoe or bulldozer. Excavated soils were mixed with site soils and placed in low piles. At sites where visual and olfactory signs indicated high TPH levels, high-nitrogen fertilizer was spread on the piles and in the excavation to aid biodegradation.

## Sampling and Testing Activities

Composite samples of the excavation bottoms and the piles were taken. A total of 94 samples were collected during the period from September 27 through October 31, 2001. The samples were collected using a stainless steel trowel. The trowel was decontaminated between samples. All 94 samples were analyzed using a Miran test kit, which uses Freon extraction and infrared reading of the extraction. This method is based on the EPA Method 418.1 for Total Recoverable Petroleum Hydrocarbons (TRPH). To calibrate the Miran test kit and ensure that the cleanup standard was met, 25 of the samples were sent to an analytical laboratory for result confirmation using EPA Method 418.1.

The comparison of the Miran test soil concentration results to the laboratory results are presented in Table 1 and Figure 1. These results show that the Miran test tends to overestimate the actual (laboratory) concentration at low levels (less than 5,000 ppm) but is a good estimator of the actual concentration at levels greater 5,000 ppm (the range of concern to Carbon for the pit closures).

For laboratory results greater than 5,000 ppm, the multiplier of laboratory result divided by Miran test result ranges from 0.781 to 1.45, with the average of these multipliers equaling 1.12. The Miran test tends to underestimate the actual (laboratory) concentration by 12% on average. No pit was closed until it exhibited a test result of 7,000 ppm or less on the Miran test. A Miran test result of 7,000 ppm or less indicates that the laboratory result is unlikely to exceed 10,000 ppm (7,000 times a multiplier of 1.42 equal 9,940 ppm).

Figure 1 indicates a 1:1 slope line and error bars set at plus or minus a multiplier of 1.42 times the Miran test result. If the Miran test result equals the laboratory result, the point will fall on the 1:1 slope line. If the Miran test result is within 42% of the laboratory result (plus or minus a multiplier of 1.42), the point will fall within the error bars. All points that have laboratory results equal to or greater than 10,000 ppm fall within the error bars. Figure 1 also presents a vertical line at the Miran test result equal to 7,000 ppm. This line highlights the fact that for Miran results less than 7,000 ppm, no laboratory result is greater than 10,000 ppm.

Results and discussion for individual sites are in the reports for each site.

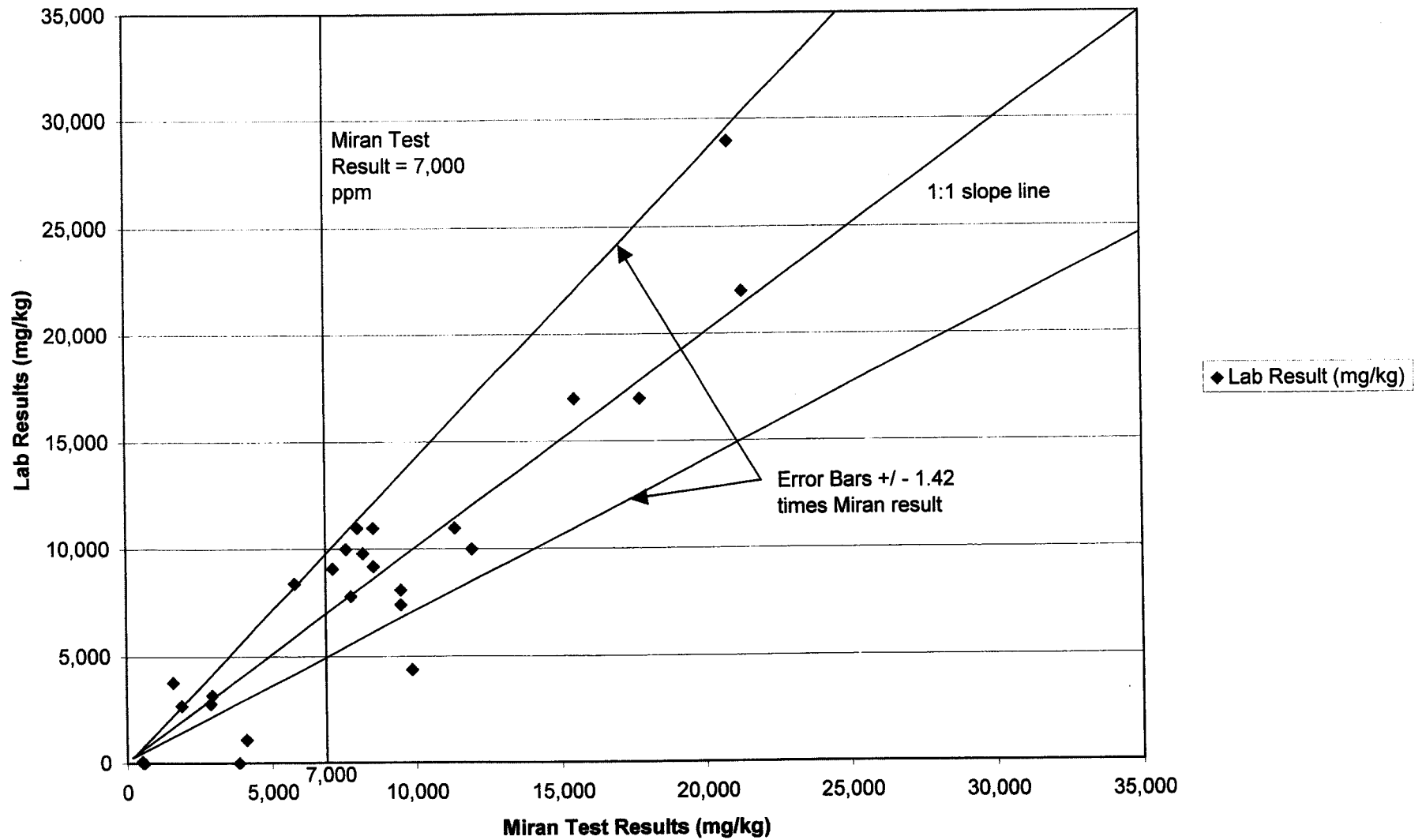
## References

Utah Division Of Oil, Gas & Mining, January 1996. *Environmental Handbook, Environmental Regulations for the Oil & Gas Exploration and Production Industry*. Prepared by G.L. Hunt, Environmental Manager.

**Table 1**  
**Comparison of Miran Test Results to Laboratory Results**

Site	Sample	Miran Test Soil Concentra- tion (mg/kg)	Lab Result (mg/kg)	Multiplier (Lab/Field)
12-18	Pile 1	548	4	0.008
9-12	Pit 1	3,848	13	0.003
8-36	Pile 1	500	82	0.164
4-25	Pit 2	4,104	1,100	0.268
2-8	Pile 2	1,864	2,700	1.448
11-10	Pit 1	2,864	2,800	0.978
6-35	Pit 2	2,924	3,200	1.094
2-8	Pit 1	1,580	3,800	2.405
4-25	Pile 1	9,856	4,400	0.446
9-12	Pile 1	9,480	7,400	0.781
7-21	Pit 3	7,760	7,800	1.005
6-35	Pile 1	9,480	8,100	0.854
8-20	Pit 3 #3	5,784	8,400	1.452
11-10	Pit 2 #3	7,120	9,100	1.278
4-25	Pit 1	8,544	9,200	1.077
8-20	Pit 2 #3	8,184	9,800	1.197
11-10	Pile 1 #3	11,960	10,000	0.836
7-21	Pile 3	7,600	10,000	1.316
11-10	Pile 1	11,376	11,000	0.967
7-17	Pit 2	7,992	11,000	1.376
8-20	Pile 2	8,544	11,000	1.287
1-15	Pit 1	15,480	17,000	1.098
7-21	Pit 3 #2	17,740	17,000	0.958
11-10	Pit 2	21,288	22,000	1.033
6-35	Pit 1	20,812	29,000	1.393

**Figure 1**  
**Miran Test v. Lab Results (mg/kg)**



## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH

2. CDW

3. FILE

**X Change of Operator (Well Sold)**

## Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:

1/1/2004

**FROM: (Old Operator):**

N2225-Carbon Energy Corporation (USA)

1401 17th St, Suite 1200

Denver, CO 80202

Phone: 1-(303) 298-8100

**TO: ( New Operator):**

N2545-Evergreen Operating Corp.

1401 17th Street, Suite 1200

Denver, CO 80202

Phone: 1-(303) 298-8100

CA No.

Unit:

**WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
WOLF UNIT 3-11-15-21	11	150S	210E	4304730622	8065	Federal	GW	S
FEDERAL 5-13-15-21	13	150S	210E	4304731137	8071	Federal	GW	S
FEDERAL 6-14-15-21	14	150S	210E	4304731027	8072	Federal	GW	S
FEDERAL 7-15-15-21	15	150S	210E	4304731071	8073	Federal	GW	S
FEDERAL 2-18-15-22	18	150S	220E	4304731091	8077	Federal	GW	S
MAIN CYN 6-3-15-23	03	150S	230E	4304731072	8245	Federal	GW	P
MAIN CYN 4-4-15-23	04	150S	230E	4304731043	11602	Federal	GW	P
MAIN CYN 16-4-15-23	04	150S	230E	4304731111	11608	Federal	GW	P
MAIN CYN 8-7-15-23	07	150S	230E	4304730977	11601	Federal	GW	P
MAIN CYN 15-8-15-23	08	150S	230E	4304730674	11598	Federal	GW	P
MAIN CYN 2-8-15-23	08	150S	230E	4304730735	11599	Federal	GW	P
MAIN CYN 6-8-15-23	08	150S	230E	4304731073	11606	Federal	GW	S
MAIN CYN 11-10-15-23	10	150S	230E	4304730639	11605	Federal	GW	P
MAIN CYN 7-17-15-23	17	150S	230E	4304730736	11600	Federal	GW	P
BLACK HORSE 12-8-15-24	08	150S	240E	4304731104	8070	Federal	GW	S
BLACK HORSE 14-15-15-24	15	150S	240E	4304731045	8070	Federal	GW	S
BLACK HORSE 2	29	150S	240E	4304730248	10897	Federal	GW	S
ANDERSON FED 2	12	160S	240E	4301930136	583	Federal	GW	P
FEDERAL 24-1	24	160S	240E	4301930955	588	Federal	GW	S
FEDERAL 1-34	34	160S	240E	4301931077	9280	Federal	GW	P
FEDERAL 2-34	34	160S	240E	4301931078	9285	Federal	GW	P
PINE SPRINGS FED 3-23-14S-22E	23	140S	220E	4304734675	10773	Federal	GW	P

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 1/22/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 1/22/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 12/29/20034. Is the new operator registered in the State of Utah: YES Business Number: 5531527-01435. If **NO**, the operator was contacted on: \_\_\_\_\_

6. (R649-9-2) Waste Management Plan has been received on:

In Place

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

1. Changes entered in the Oil and Gas Database on: 1/28/2004
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 1/28/2004
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A
5. Injection Projects to new operator in RBDMS on: n/a

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: RLB0006732

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: RLB0006705

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: n/a

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number n/a
2. The FORMER operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The FORMER operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

**COMMENTS:**





# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Vernal Field Office

170 South 500 East

Vernal, UT 84078

(435) 781-4400 Fax: (435) 781-4410  
<http://www.blm.gov/utah/vernal>



IN REPLY REFER TO:

3162.3

UT08300

March 12, 2004

Scott Zimmerman  
Evergreen Operating Corp.  
1401 17<sup>th</sup> Street, Suite 1200  
Denver, Colorado 80202

*43047 30736*  
Re: Well No. Main Canyon 7-17-15-23  
NWSE, Sec. 17, T15S, R23E  
Uintah County, Utah  
Lease No. UTU-8359

Dear Mr. Zimmerman:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Evergreen Operating Corp. is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UTB000072, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Leslie Walker of this office at (435) 781-4497.

Sincerely,

Kirk Fleetwood  
Petroleum Engineer

cc: UDOGM

MAR 19 2004

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: Pioneer Natural Resources USA, Inc. <i>N5155</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 5205 N. O'Connor Blvd CITY Irving STATE TX ZIP 75039		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: COUNTY: QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: <b>UTAH</b>		8. WELL NAME and NUMBER: See Attached List
PHONE NUMBER: (972) 444-9001		9. API NUMBER:
		10. FIELD AND POOL, OR WILDCAT:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

- Operator change due to the merger between Pioneer Natural Resources USA, Inc and Evergreen Resources Inc., effective September 28, 2004.
- See list attached for all wells currently operated under the name of Evergreen Operating (subsidiary of Evergreen Resources) as listed on the DOGM database on October 15, 2004.
- Operator will now be Pioneer Natural Resources USA, Inc. Local operation address info and contacts under separate cover.
- Surety Bond #104319462 (replaces RLB 0006706) attached
- Copy of Oil & Gas Geothermal Lease Bond - BLM #104091293 attached

Name: Dennis R. Carlton

Title: Executive Vice President, Evergreen Operating Corp. *N2545*

Signature: *DR Carlton*

Date: *10/18/04*

NAME (PLEASE PRINT) Jay Still  
SIGNATURE *Jay Still*

TITLE Vice President, Western Division, Pioneer Natural Resources USA Inc.  
DATE 10/19/04

(This space for State use only)

APPROVED *10/28/04*

*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

(5/2000)

RECEIVED

OCT 21 2004

DIV. OF OIL, GAS & MINING

**EVERGREEN TO PIONEER NATURAL RESOURCES USA, INC. MERGER**  
**WELL LIST 10/15/04**

API Well Number	Operator	Well Name	Well Type	Well Status	Field Name	County Name	Location (Twn-Rng)	Sect	Twps	Twps	RngN	RngD	Qtr/Qtr
43-007-30122-00-00	EVERGREEN OPERATING CORP	SHIMMIN TRUST 5	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	14	12	S	10	E	NWNE
43-007-30137-00-00	EVERGREEN OPERATING CORP	HUBER-FEDERAL 7-9	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	9	12	S	10	E	SWNE
43-007-30138-00-00	EVERGREEN OPERATING CORP	HUBER-FRANDSEN 4-15	Gas Well	Plugged and Abandoned	CASTLEGATE	CARBON	12S-10E	15	12	S	10	E	NWNW
43-007-30140-00-00	EVERGREEN OPERATING CORP	HUBER-FED 6-8	Gas Well	Plugged and Abandoned	CASTLEGATE	CARBON	12S-10E	8	12	S	10	E	SENW
43-007-30159-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 9-10	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	10	12	S	10	E	NESE
43-007-30162-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 5-10	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	10	12	S	10	E	SWNW
43-007-30163-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 16-9	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	9	12	S	10	E	SESE
43-007-30164-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 11-10	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	10	12	S	10	E	NESW
43-007-30166-00-00	EVERGREEN OPERATING CORP	SHIMMIN TRUST 11-11	Gas Well	Spudded (Drilling commenced: Not yet completed)	CASTLEGATE	CARBON	12S-10E	11	12	S	10	E	NESW
43-007-30169-00-00	EVERGREEN OPERATING CORP	SHIMMIN TRUST 14-12	Gas Well	Plugged and Abandoned	CASTLEGATE	CARBON	12S-10E	12	12	S	10	E	SESW
43-007-30589-00-00	EVERGREEN OPERATING CORP	HUBER-STATE 1-16	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	16	12	S	10	E	NWNE
43-007-30596-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 1-10	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	10	12	S	10	E	NWSW
43-007-30640-00-00	EVERGREEN OPERATING CORP	HUBER-SHIMMIN TRUST 3-14	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	14	12	S	10	E	SENE
43-007-30659-00-00	EVERGREEN OPERATING CORP	HUBER-SHIMMIN TRUST 2-11	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	11	12	S	10	E	SESE
43-007-30662-00-00	EVERGREEN OPERATING CORP	HUBER-SHIMMIN TRUST 4-14	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	14	12	S	10	E	SENW
<del>43-007-30663-00-00</del>	<del>EVERGREEN OPERATING CORP</del>	<del>HUBER-ST/F 4-11</del>	<del>Gas Well</del>	<del>Location Abandoned</del>	<del>CASTLEGATE</del>	<del>CARBON</del>	<del>12S-10E</del>	<del>11</del>	<del>12</del>	<del>S</del>	<del>10</del>	<del>E</del>	<del>SE</del>
43-007-30673-00-00	EVERGREEN OPERATING CORP	HUBER-SHIMMIN TRUST 1-11	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	11	12	S	10	E	SE
43-007-30674-00-00	EVERGREEN OPERATING CORP	HUBER-SHIMMIN TRUST 1-12	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	12	12	S	10	E	NWSW
43-007-30675-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 2-10	Gas Well	Spudded (Drilling commenced: Not yet completed)	CASTLEGATE	CARBON	12S-10E	10	12	S	10	E	NESE
<del>43-007-30676-00-00</del>	<del>EVERGREEN OPERATING CORP</del>	<del>HUBER-JENSEN 3-10</del>	<del>Gas Well</del>	<del>Location Abandoned</del>	<del>CASTLEGATE</del>	<del>CARBON</del>	<del>12S-10E</del>	<del>10</del>	<del>12</del>	<del>S</del>	<del>10</del>	<del>E</del>	<del>SWNE</del>
43-007-30717-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 1-9	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	9	12	S	10	E	NWSW
43-007-30718-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 1-18	Gas Well	Spudded (Drilling commenced: Not yet completed)	CASTLEGATE	CARBON	12S-10E	18	12	S	10	E	NESE
43-007-30733-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 1-4	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	4	12	S	10	E	SWSE
43-007-30734-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 2-8	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	8	12	S	10	E	NENE
43-007-30735-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 2-9	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	9	12	S	10	E	NENW
43-007-30736-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 1-15	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	15	12	S	10	E	SWNE
43-007-30764-00-00	EVERGREEN OPERATING CORP	HUBER-J/F 2-17	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	17	12	S	10	E	NENW
43-007-30768-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 1-8	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	8	12	S	10	E	NESE
43-007-30769-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 1-17	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	17	12	S	10	E	NENE
43-007-30783-00-00	EVERGREEN OPERATING CORP	HUBER-ST 2-16	Gas Well	Approved permit (APD); not yet spudded	CASTLEGATE	CARBON	12S-10E	16	12	S	10	E	NWSE
43-007-30784-00-00	EVERGREEN OPERATING CORP	HUBER-ST 3-16	Gas Well	Approved permit (APD); not yet spudded	CASTLEGATE	CARBON	12S-10E	16	12	S	10	E	SESW
43-007-30785-00-00	EVERGREEN OPERATING CORP	HUBER-ST 4-16	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	16	12	S	10	E	SE
43-007-30787-00-00	EVERGREEN OPERATING CORP	H-M FED 2-14	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	14	12	S	10	E	NESE
43-007-30810-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 2-5	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	5	12	S	10	E	NESW
43-007-30858-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 4-17	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	17	12	S	10	E	NESE
43-007-30859-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 2-18	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	18	12	S	10	E	NENE
43-007-30860-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 4-8	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	8	12	S	10	E	NWSW

**EVERGREEN TO PIONEER NATURAL RESOURCES USA, INC. MERGER  
WELL LIST 10/15/04**

API Well Number	Operator	Well Name	Well Type	Well Status	Field Name	County Name	Location (Twn-Rng)	Sect	Twpn	Twpd	RngN	RngD	Qtr/Qtr
43-007-30947-00-00	EVERGREEN OPERATING CORP	HUBER-FRANSEN/FED 4-15	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	15	12	S	10	E	NWNW
43-007-30961-00-00	EVERGREEN OPERATING CORP	STATE 11-16	Gas Well	Spudded (Drilling commenced: Not yet completed)	CASTLEGATE	CARBON	12S-10E	16	12	S	10	E	NWNW
43-007-30962-00-00	EVERGREEN OPERATING CORP	SHIMMIN 11-14	Gas Well	Spudded (Drilling commenced: Not yet completed)	CASTLEGATE	CARBON	12S-10E	14	12	S	10	E	NWNW
43-007-30788	EVERGREEN OPERATING CORP	Jensen 7-15 Deep	Gas Well	Active	WILDCAT	CARBON	12S-10E	15	12	S	10	E	SWNE
43-007-30977-00-00	EVERGREEN OPERATING CORP	JENSEN 24-4	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	4	12	S	10	E	SESW
43-007-30978-00-00	EVERGREEN OPERATING CORP	JENSEN 34-5	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	5	12	S	10	E	SWSE
43-007-30980-00-00	EVERGREEN OPERATING CORP	JENSEN 41-9	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	9	12	S	10	E	NENE
43-007-30981-00-00	EVERGREEN OPERATING CORP	JENSEN 34-10	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	10	12	S	10	E	SWSE
43-013-32308-00-00	EVERGREEN OPERATING CORP	HUBER-ST 1-35	Water Disposal Well	Active	CASTLEGATE	DUCHESNE	11S-10E	35	11	S	10	E	SW
43-013-32317-00-00	EVERGREEN OPERATING CORP	HUBER-STATE 1-27	Gas Well	New Permit (Not yet approved or drilled)	WILDCAT	DUCHESNE	11S-10E	27	11	S	10	E	SWSE
<del>43-017-30404-00-00</del>	<del>EVERGREEN OIL CORP</del>	<del>POISON SPRINGS U 1 USA</del>	<del>Oil Well</del>	<del>Plugged and Abandoned</del>	<del>WILDCAT</del>	<del>GARFIELD</del>	<del>04S-12E</del>	<del>24</del>	<del>04</del>	<del>S</del>	<del>12</del>	<del>E</del>	<del>NESE</del>
<del>43-017-30402-00-00</del>	<del>EVERGREEN OIL CORP</del>	<del>POISON SPRINGS U 2 USA</del>	<del>Oil Well</del>	<del>Plugged and Abandoned</del>	<del>WILDCAT</del>	<del>GARFIELD</del>	<del>04S-12E</del>	<del>4</del>	<del>04</del>	<del>S</del>	<del>12</del>	<del>E</del>	<del>NENE</del>
43-018-30136-00-00	EVERGREEN OPERATING CORP	ANDERSON FED 2	Gas Well	Producing	EAST CANYON	GRAND	16S-24E	12	16	S	24	E	SWSW
43-018-30955-00-00	EVERGREEN OPERATING CORP	FEDERAL 24-1	Gas Well	Shut-In	EAST CANYON	GRAND	16S-24E	24	16	S	24	E	NWNE
43-018-31077-00-00	EVERGREEN OPERATING CORP	FEDERAL 1-34	Gas Well	Producing	BRYSON CANYON	GRAND	16S-24E	34	16	S	24	E	NESE
43-018-31078-00-00	EVERGREEN OPERATING CORP	FEDERAL 2-34	Gas Well	Producing	BRYSON CANYON	GRAND	16S-24E	34	16	S	24	E	SESW
43-047-30248-00-00	EVERGREEN OPERATING CORP	BLACK HORSE 2	Gas Well	Shut-In	BLACK HORSE CYN	UINTAH	15S-24E	29	15	S	24	E	SESE
43-047-30284-00-00	EVERGREEN OPERATING CORP	PINE SPRING U 1	Gas Well	Producing	PINE SPRINGS	UINTAH	14S-22E	15	14	S	22	E	NESW
43-047-30325-00-00	EVERGREEN OPERATING CORP	RAT HOLE CYN 1	Gas Well	Shut-In	RAT HOLE CANYON	UINTAH	14S-25E	8	14	S	25	E	NWSE
43-047-30331-00-00	EVERGREEN OPERATING CORP	DRY BURN U 1	Gas Well	Shut-In	DRY BURN	UINTAH	13S-25E	29	13	S	25	E	NWSE
43-047-30332-00-00	EVERGREEN OPERATING CORP	1-L-23	Gas Well	Shut-In	SWEETWATER CYN	UINTAH	14S-24E	23	14	S	24	E	SWNE
43-047-30460-00-00	EVERGREEN OPERATING CORP	SWEETWATER CYN 1	Gas Well	Shut-In	SWEETWATER CYN	UINTAH	14S-24E	14	14	S	24	E	SWNW
43-047-30582-00-00	EVERGREEN OPERATING CORP	TRAPP SPRINGS 4-25-14-23	Gas Well	Producing	MAIN CANYON	UINTAH	14S-23E	25	14	S	23	E	SWSW
43-047-30619-00-00	EVERGREEN OPERATING CORP	CROOKED CYN 13-17-14-23	Gas Well	Producing	CROOKED CANYON	UINTAH	14S-23E	17	14	S	23	E	NWNW
43-047-30622-00-00	EVERGREEN OPERATING CORP	WOLF UNIT 3-11-15-21	Gas Well	Shut-In	WOLF POINT	UINTAH	15S-21E	11	15	S	21	E	SESW
43-047-30639-00-00	EVERGREEN OPERATING CORP	MAIN CYN 11-10-15-23	Gas Well	Producing	MAIN CANYON	UINTAH	15S-23E	10	15	S	23	E	SESW
43-047-30674-00-00	EVERGREEN OPERATING CORP	MAIN CYN 15-8-15-23	Gas Well	Producing	MAIN CANYON	UINTAH	15S-23E	8	15	S	23	E	NWNE
43-047-30735-00-00	EVERGREEN OPERATING CORP	MAIN CYN 2-8-15-23	Gas Well	Producing	MAIN CANYON	UINTAH	15S-23E	8	15	S	23	E	SWSE
43-047-30736-00-00	EVERGREEN OPERATING CORP	MAIN CYN 7-17-15-23	Gas Well	Producing	MAIN CANYON	UINTAH	15S-23E	17	15	S	23	E	SESW
43-047-30746-00-00	EVERGREEN OPERATING CORP	STATE 11-2-15-22	Gas Well	Plugged and Abandoned	MAIN CANYON	UINTAH	15S-22E	2	15	S	22	E	SESW
43-047-30791-00-00	EVERGREEN OPERATING CORP	TRAPP SPRINGS 6-35-14-23	Gas Well	Producing	MAIN CANYON	UINTAH	14S-23E	35	14	S	23	E	NESE
43-047-30844-00-00	EVERGREEN OPERATING CORP	TRAPP SPRINGS 8-36-14-23	Gas Well	Producing	MAIN CANYON	UINTAH	14S-23E	36	14	S	23	E	NESE
43-047-30875-00-00	EVERGREEN OPERATING CORP	TRAPP SPRINGS 1-25-14-23	Gas Well	Producing	MAIN CANYON	UINTAH	14S-23E	25	14	S	23	E	SESE
43-047-30977-00-00	EVERGREEN OPERATING CORP	MAIN CYN 8-7-15-23	Gas Well	Producing	MAIN CANYON	UINTAH	15S-23E	7	15	S	23	E	NESE
43-047-31003-00-00	EVERGREEN OPERATING CORP	TRAPP SPRINGS 3-26-14-23	Gas Well	Shut-In	MAIN CANYON	UINTAH	14S-23E	26	14	S	23	E	SESW
43-047-31027-00-00	EVERGREEN OPERATING CORP	FEDERAL 6-14-15-21	Gas Well	Shut-In	WOLF POINT	UINTAH	15S-21E	14	15	S	21	E	NESW
43-047-31040-00-00	EVERGREEN OPERATING CORP	SWEETWATER 6-13-14-24	Gas Well	Shut-In	SWEETWATER CYN	UINTAH	14S-24E	13	14	S	24	E	NESW
43-047-31041-00-00	EVERGREEN OPERATING CORP	TRAPP SPRINGS 16-25-14-23	Gas Well	Producing	MAIN CANYON	UINTAH	14S-23E	25	14	S	23	E	NENE
43-047-31042-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS 7-21-14-22	Gas Well	Producing	PINE SPRINGS	UINTAH	14S-22E	21	14	S	22	E	NWSE
43-047-31043-00-00	EVERGREEN OPERATING CORP	MAIN CYN 4-4-15-23	Gas Well	Producing	MAIN CANYON	UINTAH	15S-23E	4	15	S	23	E	SWSW
43-047-31045-00-00	EVERGREEN OPERATING CORP	BLACK HORSE 14-15-15-24	Gas Well	Shut-In	SOUTH CANYON	UINTAH	15S-24E	15	15	S	24	E	NENW
43-047-31063-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS 8-20-14-22	Gas Well	Producing	PINE SPRINGS	UINTAH	14S-22E	20	14	S	22	E	NESE

**EVERGREEN TO PIONEER NATURAL RESOURCES USA, INC. MERGER**  
**WELL LIST 10/15/04**

API Well Number	Operator	Well Name	Well Type	Well Status	Field Name	County Name	Location (Twn-Rng)	Sect	Twpr	Twpd	RngN	RngD	Qtr/Qtr
43-047-31071-00-00	EVERGREEN OPERATING CORP	FEDERAL 7-15-15-21	Gas Well	Shut-In	WOLF POINT	UINTAH	15S-21E	15	15	S	21	E	NWSE
43-047-31072-00-00	EVERGREEN OPERATING CORP	MAIN CYN 6-3-15-23	Gas Well	Shut-In	MAIN CANYON	UINTAH	15S-23E	3	15	S	23	E	NESW
43-047-31073-00-00	EVERGREEN OPERATING CORP	MAIN CYN 6-8-15-23	Gas Well	Producing	MAIN CANYON	UINTAH	15S-23E	8	15	S	23	E	NESW
43-047-31074-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS 13-26-14-22	Gas Well	Producing	PINE SPRINGS	UINTAH	14S-22E	26	14	S	22	E	NWNW
43-047-31091-00-00	EVERGREEN OPERATING CORP	FEDERAL 2-18-15-22	Gas Well	Shut-In	WOLF POINT	UINTAH	15S-22E	18	15	S	22	E	SWSE
43-047-31096-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS 9-12-14-21	Gas Well	Producing	PINE SPRINGS	UINTAH	14S-21E	12	14	S	21	E	SENE
43-047-31104-00-00	EVERGREEN OPERATING CORP	BLACK HORSE 12-8-15-24	Gas Well	Shut-In	SOUTH CANYON	UINTAH	15S-24E	8	15	S	24	E	SWNW
43-047-31111-00-00	EVERGREEN OPERATING CORP	MAIN CYN 16-4-15-23	Gas Well	Shut-In	MAIN CANYON	UINTAH	15S-23E	4	15	S	23	E	NENE
43-047-31134-00-00	EVERGREEN OPERATING CORP	FED ENI 7-1	Gas Well	Producing	DAVIS CANYON	UINTAH	13S-26E	7	13	S	26	E	NENE
43-047-31135-00-00	EVERGREEN OPERATING CORP	STATE 8-2-15-22	Gas Well	Shut-In	MAIN CANYON	UINTAH	15S-22E	2	15	S	22	E	NESE
43-047-31137-00-00	EVERGREEN OPERATING CORP	FEDERAL 5-13-15-21	Gas Well	Shut-In	WOLF POINT	UINTAH	15S-21E	13	15	S	21	E	NWSW
43-047-31348-00-00	EVERGREEN OPERATING CORP	FEDERAL 12-18-14-22	Gas Well	Shut-In	PINE SPRINGS	UINTAH	14S-22E	18	14	S	22	E	SWNW
<del>43-047-34674-00-00</del>	<del>EVERGREEN OPERATING CORP</del>	<del>PINE SPRINGS FED 3-23-14S-22E</del>	<del>Gas Well</del>	<del>Location Abandoned</del>	<del>PINE SPRINGS</del>	<del>UINTAH</del>	<del>14S-22E</del>	<del>23</del>	<del>14</del>	<del>S</del>	<del>22</del>	<del>E</del>	<del>SENE</del>
43-047-34675-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS FED 3-23-14S-22E	Gas Well	Producing	PINE SPRINGS	UINTAH	14S-22E	23	14	S	22	E	SESW
43-047-34676-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS FED 12-23-14S-22E	Gas Well	Temporarily Abandoned	PINE SPRINGS	UINTAH	14S-22E	23	14	S	22	E	SWNW
43-047-34941-00-00	EVERGREEN OPERATING CORP	BONANZA FED 15-27-10-25	Gas Well	Producing	UNDESIGNATED	UINTAH	10S-25E	27	10	S	25	E	NWNE
43-047-35555-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS ST 6-36-14-22	Gas Well	Spudded (Drilling commenced: Not yet completed)	UNDESIGNATED	UINTAH	14S-22E	36	14	S	22	E	NE
43-047-35556-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS FED 4-22-14-22	Gas Well	Approved permit (APD); not yet spudded	PINE SPRINGS	UINTAH	14S-22E	22	14	S	22	E	SWSW
43-047-35566-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS FED 15-21-14-22	Gas Well	Approved permit (APD); not yet spudded	PINE SPRINGS	UINTAH	14S-22E	21	14	S	22	E	NWNE

## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

**X Merger**

The operator of the well(s) listed below has changed, effective:

**9/28/2004****FROM: (Old Operator):**

N2545-Evergreen Operating Corp.

1401 17th St, Suite 1200

Denver, CO 80202

Phone: 1-(303) 298-8100

**TO: ( New Operator):**

N5155-Pioneer Natural Resources USA, Inc.

5205 N O'Connor Blvd

Irving, TX 75039

Phone: 1-(972) 444-9001

**CA No.****Unit:****WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
HUBER-FEDERAL 7-9	09	120S	100E	4300730137	12991	Federal	GW	P
CROOKED CYN 13-17-14-23	17	140S	230E	4304730619	8055	Federal	GW	P
TRAPP SPRINGS 1-25-14-23	25	140S	230E	4304730975	8081	Federal	GW	P
TRAPP SPRINGS 16-25-14-23	25	140S	230E	4304731041	8081	Federal	GW	P
TRAPP SPRINGS 3-26-14-23	26	140S	230E	4304731003	8081	Federal	GW	S
TRAPP SPRINGS 6-35-14-23	35	140S	230E	4304730791	8081	Federal	GW	P
WOLF UNIT 3-11-15-21	11	150S	210E	4304730622	8065	Federal	GW	S
FEDERAL 6-14-15-21	14	150S	210E	4304731027	8072	Federal	GW	S
FEDERAL 7-15-15-21	15	150S	210E	4304731071	8073	Federal	GW	S
MAIN CYN 6-3-15-23	03	150S	230E	4304731072	8245	Federal	GW	S
MAIN CYN 4-4-15-23	04	150S	230E	4304731043	11602	Federal	GW	P
MAIN CYN 8-7-15-23	07	150S	230E	4304730977	11601	Federal	GW	P
MAIN CYN 15-8-15-23	08	150S	230E	4304730674	11598	Federal	GW	P
MAIN CYN 2-8-15-23	08	150S	230E	4304730735	11599	Federal	GW	P
MAIN CYN 11-10-15-23	10	150S	230E	4304730639	11605	Federal	GW	P
MAIN CYN 7-17-15-23	17	150S	230E	4304730736	11600	Federal	GW	P
BLACK HORSE 14-15-15-24	15	150S	240E	4304731045	8070	Federal	GW	S
ANDERSON FED 2	12	160S	240E	4301930136	583	Federal	GW	P
FEDERAL 24-1	24	160S	240E	4301930955	588	Federal	GW	S
FEDERAL 1-34	34	160S	240E	4301931077	9280	Federal	GW	P
FEDERAL 2-34	34	160S	240E	4301931078	9285	Federal	GW	P

## OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on:10/21/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on:10/21/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on:10/21/2004

4. Is the new operator registered in the State of Utah:

YES Business Number:5738462-01435. If **NO**, the operator was contacted on:

6a. (R649-9-2) Waste Management Plan has been received on:

6b. Inspections of LA PA state/fee well sites complete on:

\*\*\*

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: not yet

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: \_\_\_\_\_

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: \_\_\_\_\_

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

1. Changes entered in the Oil and Gas Database on: 10/28/2004
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 10/28/2004
3. Bond information entered in RBDMS on: 10/28/2004
4. Fee/State wells attached to bond in RBDMS on: 10/28/2004
5. Injection Projects to new operator in RBDMS on: 10/28/2004
6. Receipt of Acceptance of Drilling Procedures for APD/New on: \*\*\*

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: 104091293

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: n/a

**FEE & STATE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 104319462
2. The **FORMER** operator has requested a release of liability from their bond on: 10/21/2004  
The Division sent response by letter on: 10/28/2004

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 11/1/2004

**COMMENTS:**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
Pioneer Natural Resources USA, Inc.

3. ADDRESS OF OPERATOR:  
1401 17th Street - Ste 1200 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 675-2663

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: 17 15s 23e

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

Main Cyn 7-17

9. API NUMBER:

4304730736

10. FIELD AND POOL, OR WILDCAT:

COUNTY: Grand & Uintah

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON	
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 9/20/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Shut In	
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The attached wells were verbally approved by the appropriate BLM offices to Shut in due to uneconomical market conditions - conditions are expected to be improved within 90 days and Pioneer will turn the wells back on at that time.

NAME (PLEASE PRINT) Joy A. Ziegler

TITLE Senior Engineering Tech

SIGNATURE

*Joy A. Ziegler*

DATE 10/1/2007

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OCT 04 2007

DIV. OF OIL, GAS & MINING



Pioneer Natural Resources USA, Inc.				
Subsequent Report of Shut In on Federal Wells				
Attachment to Form 9				
October 1, 2007				
<u>Well Name &amp; Number</u>	<u>API No.</u>	<u>Field Name</u>	<u>Q/Q S/T/R</u>	<u>Lease No.</u>
Bryson Canyon Federal 2-34-16S-24E	43-019-31077	Bryson Canyon	SESW 34-16S-24E	UTU 52030
Bryson Canyon Federal 1-34-16S-24E	43-019-31078	Bryson Canyon	NESE 34-16S-24E	UTU 52030
Anderson Federal 2-12-16S-24E	43-019-30136	East Canyon	SWSW 12-16S-24E	U04967C
Wolf Point Federal 5-13-15S-21E	43-047-31137	Wolf Point	NWSW 13-15S-21E	U30112
Wolf Point Federal 6-14-15S-21E	43-047-31027	Wolf Point	NESW 14-15S-21E	U10173
Wolf Point Federal 7-15-15S-21E	43-047-31071	Wolf Point	NWSE 15-15S-21E	U6618
Federal 3-11-15S-21E	43-047-30622	Wolf Point	SESW 11-15S-21E	U6618
Main Canyon 11-10-15S-23E	43-047-30639	Main Canyon	SESW 10-15S-23E	U8361
Main Canyon 15-8-15S-23E	43-047-30674	Main Canyon	NWNE 8-15S-23E	U9211
Main Canyon 16-4-15S-23E	43-047-31111	Main Canyon	NENE 4-15S-23E	U8361
Main Canyon 2-8-15S-23E	43-047-30735	Main Canyon	SWSE 8-15S-23E	U9211
Main Canyon 4-4-15S-23E	43-047-31043	Main Canyon	SWSW 4-15S-23E	U8361
Main Canyon 6-8-15S-23E	43-047-31073	Main Canyon	NESW 8-15S-23E	U9211
Main Canyon 7-17-15S-23E	43-047-30736	Main Canyon	NWSE 17-15S-23E	U8359
Federal 13-17-14S-23E	43-047-30619	Crooked Canyon	NWNW 17-14S-23E	UTU6613
Trapp Springs 16-25-14S-23E	43-047-31041	Main Canyon	NENE 25-14S-23E	U38073
Trapp Springs 8-36-14S-23E	43-047-30944	Main Canyon	NESE 36-14S-23E	ML18667
Trapp Springs 4-25-14S-23E	43-047-30582	Main Canyon	SWSW 25-14S-23E	U38073
Trapp Springs 6-35-14S-23E	43-047-30791	Main Canyon	NESW 35-14S-23E	U35272
Pine Springs 13-26-14S-22E	43-047-31074	Main Canyon	NWNW 26-14S-22E	U27413
Pine Springs 3-23-14S-22E	43-047-34675	Main Canyon	SESW 23-14S-22E	UTU006614
Pine Springs 7-21-14S-22E	43-047-31042	Main Canyon	NWSE 21-14S-22E	U10199
Pine Springs 8-20-14S-22E	43-047-31063	Pine Springs	NESE 20-14S-22E	U10199
Pine Springs 9-12-14S-21E	43-047-31096	Pine Springs	SENE 12-14S-21E	U10272

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OCT 04 2007

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
Pioneer Natural Resources USA, Inc.

3. ADDRESS OF OPERATOR:  
1401 17th Street - Ste 1200 CITY Denver STATE CO ZIP 80202

PHONE NUMBER:  
(303) 675-2663

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

9. API NUMBER:

43-047-30736

10. FIELD AND POOL, OR WILDCAT:

COUNTY: 17 15S 23E  
Grand & Uintah

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Monthly Shut In
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	Status October 2007

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The attached is a list of wells that remained shut-in during the month of October 2007 due to economical market conditions.

NAME (PLEASE PRINT) Joy A. Ziegler

TITLE Senior Engineering Tech

SIGNATURE

DATE 11/2/2007

(This space for State use only)

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DIV. OF OIL, GAS & MINING

Pioneer Natural Resources USA, Inc.				
Subsequent Report of Shut In on Federal Wells				
Shut-In The Month Of October 2007				
Attachment to Form 9				
Date of Report: November 2, 2007				
<u>Well Name &amp; Number</u>	<u>API No.</u>	<u>Field Name</u>	<u>Q/Q S/T/R</u>	<u>Lease No.</u>
Bryson Canyon Federal 2-34-16S-24E	43-019-31077	Bryson Canyon	SESW 34-16S-24E	UTU 52030
Bryson Canyon Federal 1-34-16S-24E	43-019-31078	Bryson Canyon	NESE 34-16S-24E	UTU 52030
Anderson Federal 2-12-16S-24E	43-019-30136	East Canyon	SWSW 12-16S-24E	U04967C
Wolf Point Federal 5-13-15S-21E	43-047-31137	Wolf Point	NWSW 13-15S-21E	U30112
Wolf Point Federal 6-14-15S-21E	43-047-31027	Wolf Point	NESW 14-15S-21E	U10173
Wolf Point Federal 7-15-15S-21E	43-047-31071	Wolf Point	NWSE 15-15S-21E	U6618
Federal 3-11-15S-21E	43-047-30622	Wolf Point	SESW 11-15S-21E	U6618
Main Canyon 11-10-15S-23E	43-047-30639	Main Canyon	SESW 10-15S-23E	U8361
Main Canyon 15-8-15S-23E	43-047-30674	Main Canyon	NWNE 8-15S-23E	U9211
Main Canyon 16-4-15S-23E	43-047-31111	Main Canyon	NENE 4-15S-23E	U8361
Main Canyon 2-8-15S-23E	43-047-30735	Main Canyon	SWSE 8-15S-23E	U9211
Main Canyon 4-4-15S-23E	43-047-31043	Main Canyon	SWSW 4-15S-23E	U8361
Main Canyon 6-8-15S-23E	43-047-31073	Main Canyon	NESW 8-15S-23E	U9211
Main Canyon 7-17-15S-23E	43-047-30736	Main Canyon	NWSE 17-15S-23E	U8359
Main Canyon Fed 23-7-15-23E	43-047-37705	Main Canyon	NESW 7-15S-23E	U9211
Federal 13-17-14S-23E	43-047-30619	Crooked Canyon	NWNW 17-14S-23E	UTU6613
Trapp Springs 16-25-14S-23E	43-047-31041	Main Canyon	NENE 25-14S-23E	U38073
Trapp Springs 8-36-14S-23E	43-047-30944	Main Canyon	NESE 36-14S-23E	ML18667
Trapp Springs 4-25-14S-23E	43-047-30582	Main Canyon	SWSW 25-14S-23E	U38073
Trapp Springs 6-35-14S-23E	43-047-30791	Main Canyon	NESW 35-14S-23E	U35272
Pine Springs 13-26-14S-22E	43-047-31074	Main Canyon	NWNW 26-14S-22E	U27413
Pine Springs 3-23-14S-22E	43-047-34675	Main Canyon	SESW 23-14S-22E	UTU006614
Pine Springs 7-21-14S-22E	43-047-31042	Main Canyon	NWSE 21-14S-22E	U10199
Pine Springs 8-20-14S-22E	43-047-31063	Pine Springs	NESE 20-14S-22E	U10199
Pine Springs 9-12-14S-21E	43-047-31096	Pine Springs	SENE 12-14S-21E	U10272

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NOV 05 2007

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-8359
2. NAME OF OPERATOR: Pioneer Natural Resources USA, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1401 17th Street - Ste 1200 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (303) 675-2663		8. WELL NAME and NUMBER: Main Canyon Fed 7-17-15-23
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1605' FEL, 1941' FSL		9. API NUMBER: 43-047-30736
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 17 15S 23E		10. FIELD AND POOL, OR WILDCAT: Main Canyon
COUNTY: Uintah		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input checked="" type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

To keep all federal Main Canyon well names uniform, Pioneer Natural Resources is changing the name of the Main Canyon 7-17-15-23 to the Main Canyon Fed 7-17-15-23.

NAME (PLEASE PRINT) Joy A. Ziegler TITLE Senior Engineering Tech  
SIGNATURE *Joy A. Ziegler* DATE 2/19/2009

(This space for State use only)

**RECEIVED**  
**FEB 24 2009**  
**DIV. OF OIL, GAS & MINING**

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ
2. CDW

**X - Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**3/1/2010**

<b>FROM: (Old Operator):</b> N5155-Pioneer Natural Resources USA, Inc. 1401 17th St, Suite 1200 Denver, CO 80202  Phone: 1 (303) 675-2610	<b>TO: (New Operator):</b> N3655-Foundation Energy Management, LLC 14800 Landmark Blvd, Suite 2200 Dallas, TX 75254  Phone: 1 (918) 585-1650
--	---

CA No.				Unit:				
WELL NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LIST								

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 3/18/2010
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 3/18/2010
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2010
- a. Is the new operator registered in the State of Utah: Business Number: 7591070-0161
- 5a. (R649-9-2) Waste Management Plan has been received on: Requested
- 5b. Inspections of LA PA state/fee well sites complete on: n/a
- 5c. Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: not yet
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 5/20/2010
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/10/2010
- Bond information entered in RBDMS on: 5/20/2010
- Fee/State wells attached to bond in RBDMS on: 5/20/2010
- Injection Projects to new operator in RBDMS on: n/a
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: UTB000427
- Indian well(s) covered by Bond Number: n/a
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number B005552 & B005635
- b. The **FORMER** operator has requested a release of liability from their bond on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 6/10/2010

**COMMENTS:**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

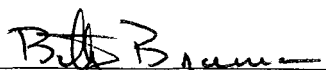
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: Foundation Energy Management, LLC N 3655		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 14800 Landmark Blvd. - Ste 220 CITY Dallas STATE TX ZIP 72254		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (918) 585-1650		8. WELL NAME and NUMBER: See Attached List
4. LOCATION OF WELL FOOTAGES AT SURFACE: COUNTY:		9. API NUMBER:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH		10. FIELD AND POOL, OR WILDCAT:

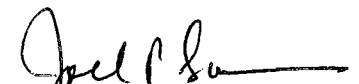
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 1/1/2010	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

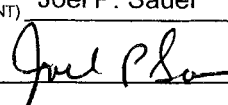
Foundation Energy Management, LLC. has acquired all of Pioneer Natural Resources USA, Inc.'s interest in the attached list of wells. Foundation Energy Management, LLC. assumed operations of these wells on March 1, 2010.

  
Betty Brownson  
Attorney-In-Fact  
Pioneer Natural Resources USA, Inc. N 5155

1401 17th Street - Suite 1200  
Denver, CO 80202  
Telephone: 303-675-2610  
Fax: 303-294-1255

  
Joel P. Sauer  
Vice President  
Foundation Energy Management, LLC.

14800 Landmark Blvd., Suite 220  
Dallas, Texas 75254  
UDOGM Bond No. ~~B005588~~ B005552 & B005635  
UT Trust Lands: B005499 BLM Bond No UTB000427  
Telephone: 918-585-1650  
Fax: 918-585-1660

NAME (PLEASE PRINT) Joel P. Sauer	TITLE Vice President
SIGNATURE 	APPROVED 5/20/2010 3-10-2010 RECEIVED
(This space for State use only)	MAR 18 2010
Earlene Russell Division of Oil, Gas and Mining Earlene Russell, Engineering Technician	DIV. OF OIL, GAS & MINING

Pioneer Natural Resources (N5155) to Foundation Energy Management (N3655)  
EFFECTIVE March 1, 2010

well_name	sec	tpw	rng	api	entity	lease	type	stat
ANDERSON FED 2-12-16-24	12	160S	240E	4301930136	583	Federal	GW	S
BRYSON CANYON FED 1-34-16-24	34	160S	240E	4301931077	9280	Federal	GW	S
BRYSON CANYON FED 2-34-16-24	34	160S	240E	4301931078	9285	Federal	GW	P
STATE 21-10	10	160S	230E	4301931390	13560	State	GW	S
SE FLANK UINTAH 1-28	28	150S	220E	4304730126	6121	Federal	OW	P
CROOKED CANYON 13-17-14-23	17	140S	230E	4304730619	8055	Federal	GW	P
WOLF POINT FED 3-11-15-21	11	150S	210E	4304730622	8065	Federal	GW	P
MAIN CANYON FED 11-10-15-23	10	150S	230E	4304730639	11605	Federal	GW	S
MAIN CYN FED 15-8-15-23	08	150S	230E	4304730674	11598	Federal	GW	S
MAIN CYN FED 2-8-15-23	08	150S	230E	4304730735	11599	Federal	GW	P
MAIN CYN FED 7-17-15-23	17	150S	230E	4304730736	11600	Federal	GW	P
TRAPP SPRINGS 6-35-14-23	35	140S	230E	4304730791	8081*	Federal	GW	P
TRAPP SPRINGS 1-25-14-23	25	140S	230E	4304730975	8081*	Federal	GW	S
MAIN CYN FED 8-7-15-23	07	150S	230E	4304730977	11601	Federal	GW	TA
TRAPP SPRINGS FED 3-26-14-23	26	140S	230E	4304731003	8081*	Federal	GW	S
WOLF POINT FED 6-14-15-21	14	150S	210E	4304731027	8072	Federal	GW	S
TRAPP SPRINGS 16-25-14-23	25	140S	230E	4304731041	8081*	Federal	GW	S
MAIN CYN FED 4-4-15-23	04	150S	230E	4304731043	11602	Federal	GW	P
BLACK HORSE 14-15-15-24	15	150S	240E	4304731045	8070	Federal	GW	S
WOLF POINT FED 7-15-15-21	15	150S	210E	4304731071	8073	Federal	GW	P
MAIN CANYON FED 6-3-15-23	03	150S	230E	4304731072	8245	Federal	GW	S
MAIN CANYON FED 6-8-15-23	08	150S	230E	4304731073	11606	Federal	GW	S
WOLF POINT FED 2-18-15-22	18	150S	220E	4304731091	8077	Federal	GW	S
MAIN CANYON FED 16-4-15-23	04	150S	230E	4304731111	11608	Federal	GW	S
DAVIS CANYON FED 7-1-13-26	07	130S	260E	4304731134	2840	Federal	GW	S
WOLF POINT FED 5-13-15-21	13	150S	210E	4304731137	8071	Federal	GW	P
PINE SPRINGS FED 12-23-14-22	23	140S	220E	4304734676	13616	Federal	GW	OPS
PINE SPRINGS ST 6-36-14-22	36	140S	220E	4304735555	14352	State	GW	P
PINE SPRINGS ST 15-36-14-22	36	140S	220E	4304736962	15410	State	GW	P
MAIN CANYON FED 23-7-15-23	07	150S	230E	4304737705	15699	Federal	GW	P
MAIN CYN FED 12-8-15-23	08	150S	230E	4304739428	16256	Federal	GW	P

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.

MEAD FIELD OFFICE

6. If Indian, Allottee or Tribe Name

2010 MAR 22 AM 10:58

**SUBMIT IN TRIPLICATE** - Other instructions on page 2.

1. Type of Well

☐ Oil Well

☒ Gas Well

☐ Other

2. Name of Operator  
Foundation Energy Management, LLC

3a. Address  
14800 Landmark Blvd. - Suite 220  
Dallas, TX 75254

3b. Phone No. (include area code)  
918-575-1650

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.  
See Below

9. API Well No.

10. Field and Pool or Exploratory Area

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

11. Country or Parish, State  
Grand Co., UT

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other: Change of Operator
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Foundation Energy Management, LLC. has acquired all of Pioneer Natural Resources USA, Inc.'s interest in the following wells. Foundation Energy Management, LLC. assumed operations of these wells on March 1, 2010.

- 1) API: 4301930136 - Anderson Fed 2-12-16-24 - SWSW, 12, T16S-R24E - Lease: UTU-04967C  
2) API: 4301931077 - Bryson Canyon Fed 1-34-16-24 - NESE, 34, T16S-R24E - Lease: UTU-52030  
3) API: 4301931078 - Bryson Canyon Fed 2-34-16-24 - SESW, 34, T16S-R24E - Lease: UTU-52030

UTB000427

Betty Brownson  
Attorney-In-Fact  
Pioneer Natural Resources USA, Inc.  
1401 17th Street - Suite 1200  
Denver, CO 80202  
Telephone: 303-675-2610  
Fax: 303-294-1255

Joel P. Sauer  
Vice President  
Foundation Energy Management, LLC.  
14800 Landmark Blvd., Suite 220  
Dallas, Texas 75254  
UT BLM: B005501  
Telephone: 918-585-1650  
Fax: 918-585-1660

RECEIVED

APR 14 2010

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)  
Joel P. Sauer

Title Vice President

Signature

Date

3-10-2010

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

ACCEPTED

Division of Resources

Mead Field Office

Date

4/7/2010

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

cc: UDDGM 4/7/10

Conditions Attached



Foundation Energy Management, LLC  
Well No. Anderson Federal 2-12-16-24  
Lease UTU04967C  
Section 12, T16S, R24E  
Well Nos. Bryson Canyon Federal 1-34-16-24 and 2-34-16-24  
Lease UTU52030  
Section 34, T16S, R24E  
Grand County, Utah

#### CONDITIONS OF ACCEPTANCE

Acceptance of these applications does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Foundation Energy Management, LLC is considered to be the operator of the above wells effective March 1, 2010, and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for these wells is provided by UTB000427 (Principal – Foundation Energy Management, LLC) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43CFR 3106.7-2 continuing responsibility are met.



United States Department of the Interior  
BUREAU OF LAND MANAGEMENT

Vernal Field Office  
170 South 500 East  
Vernal, UT 84078  
(435) 781-4400 Fax: (435) 781-4410  
<http://www.blm.gov/ut/st/en/fo/vernal/html>



IN REPLY REFER TO:  
3162.3 (UTG011)

Joel P. Sauer  
Foundation Energy Management, LLC  
14800 Landmark Blvd., Suite 220  
Dallas, TX 75254

Re: Change of Operator *43-047-30736*  
Well No. Main Cyn. Fed. 7-17-15-23  
NWSE, Sec. 17, T15S, R23E  
Uintah County, Utah  
Lease No. UTU8359

**RECEIVED**

**JUN 23 2011**

**DIV. OF OIL, GAS & MINING**

Dear Mr. Sauer:

This correspondence is in regard to the self-certification statement submitted requesting a change of operator for the referenced well. After a review by this office, the change of operator request is approved. Effective March 1, 2010, Foundation Energy Management, LLC is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UTB000427, for all operations conducted on the referenced well on the leased land.

Our records show that a right-of-way, UTU47454 has been issued for the off lease portion of the pipeline to the subject well. In order for Foundation Energy Management, LLC. to obtain the Bureau of Land Management's approval for the use of this right-of-way, you must have this right-of-way assigned over to Foundation Energy Management, LLC. Please contact Margo Roberts at (435) 781-4492 for instructions on how to complete the assignment of the right-of-way.

If you have any other questions regarding this matter, please contact Cindy Severson of this office at (435) 781-4455.

Sincerely,

Jerry Kenczka  
Assistant Field Manager  
Land & Mineral Resources

Enclosure

cc: UDOGM

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE** -- Other instructions on page 2.

7. If Unit of CA/Agreement, Name and/or No.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.  
See Attached List

2. Name of Operator  
Foundation Energy Management LLC

9. API Well No.

3a. Address  
14800 Landmark Blvd. - Suite 220  
Dallas, TX 75254

3b. Phone No. (include area code)  
918-575-1650

10. Field and Pool or Exploratory Area

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

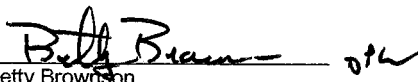
11. Country or Parish, State  
Utah Co., UT

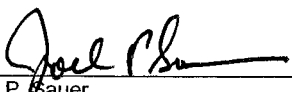
**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Change of Operator</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Foundation Energy Management, LLC. has acquired all of Pioneer Natural Resources USA, Inc.'s interest in the attached list of wells. Foundation Energy Management, LLC. assumed operations of these wells on March 1, 2010.

  
Betty Brownson  
Attorney-In-Fact  
Pioneer Natural Resources USA, Inc.  
1401 17th Street - Suite 1200  
Denver, CO 80202  
Telephone: 303-675-2610  
Fax: 303-294-1255

  
Joel P. Sauer  
Vice President  
Foundation Energy Management, LLC.  
14800 Landmark Blvd., Suite 220  
Dallas, Texas 75254  
UT BLM: B005501  
Telephone: 918-585-1650  
Fax: 918-585-1660

**RECEIVED**

**MAR 18 2010**

**VERNAL, UTAH**

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)  
Joel P. Sauer

Title Vice President

Signature

Date

**3-10-2010**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

  
Assistant Field Manager  
Lands & Mineral Resources

Date

**JUN 21 2011**

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**UDOGM**

BLM - Vernal												
Change of Operator - Effective 3/1/2010												
From Pioneer Natural Resources USA, Inc. to Foundation Energy Management, LLC.												
api	well_name	qtr_qtr	sec	tpw	rng	County	entity	zone	lease	l_num	stat	unit
1304732659	ATCHEE RIDGE 15-13-25 1	SWSE	15	130S	250E	Uintah	11962	MNCSB	Federal	U-70248	S	DISPLACEMENT POINT
1304732602	ATCHEE RIDGE 24-13-25 1	SESW	24	130S	250E	Uintah	11963	MNCS	Federal	UTU-72075	S	DISPLACEMENT POINT
1304731104	BLACK HORSE 12-8-15-24	SWNW	08	150S	240E	Uintah	8070	MNCSB	Federal	U-2836	S	BLACK HORSE CANYON
1304731045	BLACK HORSE 14-15-15-24	NENW	15	150S	240E	Uintah	8070	MNCSB	Federal	U-2837	S	
1304730248	BLACK HORSE 2 1-29-15S-24E	SESE	29	150S	240E	Uintah	10897	MNCS	Federal	U-2838	S	BLACK HORSE CANYON
1304730619	CROOKED CANYON 13-17-14-23	NWNW	17	140S	230E	Uintah	8055	DKTA	Federal	U-6613	P	
1304732618	DAVIS CANYON 12-13-25 1	SENE	12	130S	250E	Uintah	11970	MVRD	Federal	UTU-70247	P	DISPLACEMENT POINT
1304731134	DAVIS CANYON FED 7-1-13-26	NENE	07	130S	260E	Uintah	2840	DKTA	Federal	U-46737	P	
1304730331	DRY BURN U 1 1-29-13S-25E	NWSE	29	130S	250E	Uintah	16218	MNCS	Federal	U-10184	S	DISPLACEMENT POINT
1304735678	FED ATCHEE RIDGE 22-13-25	SWSW	22	130S	250E	Uintah	14972	MVRD	Federal	UTU-073189	OPS	DISPLACEMENT POINT
1304730639	MAIN CANYON FED 11-10-15-23	SENW	10	150S	230E	Uintah	11605	CSLGT	Federal	U-8361	S	
1304731111	MAIN CANYON FED 16-4-15-23	NENE	04	150S	230E	Uintah	11608	MNCSB	Federal	U-8361	S	
1304737705	MAIN CANYON FED 23-7-15-23	NESW	07	150S	230E	Uintah	15699	DK-MR	Federal	UTU-9211	P	
1304731072	MAIN CANYON FED 6-3-15-23	NESW	03	150S	230E	Uintah	8245	MNCSB	Federal	UTU-8361	S	
1304731073	MAIN CANYON FED 6-8-15-23	NESW	08	150S	230E	Uintah	11606	CSLGT	Federal	U-9211	S	
1304730977	MAIN CYN FED 8-7-15-23	NESE	07	150S	230E	Uintah	11601	MNCS	Federal	U-9211	TA	
1304739428	MAIN CYN FED 12-8-15-23	SWNW	08	150S	230E	Uintah	16256	ENRD	Federal	UTU-9211	P	
1304730674	MAIN CYN FED 15-8-15-23	NWNE	08	150S	230E	Uintah	11598	MNCS	Federal	U-9211	P	
1304730735	MAIN CYN FED 2-8-15-23	SWSE	08	150S	230E	Uintah	11599	DKMNB	Federal	U-9211	P	
1304737928	MAIN CYN FED 32-10-15-23	SWNE	10	150S	230E	Uintah			Federal	UTU-8361	AL	
1304731043	MAIN CYN FED 4-4-15-23	SWSW	04	150S	230E	Uintah	11602	DKTA	Federal	U-8361	P	
1304730736	MAIN CYN FED 7-17-15-23 ★	NWSE	17	150S	230E	Uintah	11600	DKMNB	Federal	U-8359	P	
1304731135	MAIN CYN ST 8-2-15-22	NESE	02	150S	220E	Uintah	8076	MNCS	Federal	ML-22320	DH	
1304731074	PINE SPRINGS 13-26-14-22	NWNW	26	140S	220E	Uintah	13615	CSLGT	Federal	U-27413	S	
1304731042	PINE SPRINGS 7-21-14-22	NWSE	21	140S	220E	Uintah	8086	DKTA	Federal	U-10199	P	PINE SPRINGS
1304731096	PINE SPRINGS 9-12-14-21	SENE	12	140S	210E	Uintah	10772	WSTC	Federal	U-10272	P	PINE SPRINGS
1304731348	PINE SPRINGS FED 12-18-14-22	SWNW	18	140S	220E	Uintah	10772	WSTC	Federal	U-6841	S	PINE SPRINGS
1304734676	PINE SPRINGS FED 12-23-14-22	SWNW	23	140S	220E	Uintah	13616	CSLGT	Federal	UTU 006614	OPS	
1304734675	PINE SPRINGS FED 3-23-14-22	SESW	23	140S	220E	Uintah	10773	MNCSB	Federal	UTU 006614	P	PINE SPRINGS
1304731063	PINE SPRINGS FED 8-20-14-22	NESE	20	140S	220E	Uintah	8086	DKTA	Federal	U-10119	P	PINE SPRINGS
1304730284	PINE SPRINGS UNIT 1 1-23-14-22	NESW	15	140S	220E	Uintah	595	DKTA	Federal	U-27413	S	PINE SPRINGS
1304730325	RAT HOLE CYN UNIT 1 7-8-14-25	NWSE	08	140S	250E	Uintah	16219	MNCS	Federal	U-3176A	S	DISPLACEMENT POINT

BLM Vernal												
Change of Operator - Effective 3/1/2010												
From Pioneer Natural Resources USA, Inc. to Foundation Energy Management, LLC.												
api	well_name	qtr_qtr	sec	tpw	rng	County	entity	zone	lease	l_num	stat	unit
4304730126	SE FLANK UINTAH 1-28	SWSW	28	150S	220E	Uintah	6121	DKTA	Federal	U-0149536	P	
4304730460	SWEETWATER CANYON 1 1-14-14-24	SWNW	14	140S	240E	Uintah	8060	MNCSB	Federal	U-10133	S	SWEETWATER CANYON
4304730332	SWEETWATER FED 10-23-14S-24E(1-L-23)	SWNE	23	140S	240E	Uintah	9560	MNCS	Federal	U-10133	S	SWEETWATER CANYON
4304731040	SWEETWATER FED 6-13-14-24	NESW	13	140S	240E	Uintah	8060	DKTA	Federal	U-10132	S	SWEETWATER CANYON
4304736784	TENT CANYON 4-14-14-25	NWNW	14	140S	250E	Uintah	16329	MVRD	Federal	UTU-72652	PA	S. DISPLACEMENT POINT
4304730975	TRAPP SPRINGS 1-25-14-23	SESE	25	140S	230E	Uintah	8081	DKTA	Federal	U-38073	S	
4304731041	TRAPP SPRINGS 16-25-14-23	NENE	25	140S	230E	Uintah	8081	DKTA	Federal	U-38073	P	
4304730582	TRAPP SPRINGS 4-25-14-23	SWSW	25	140S	230E	Uintah	10894	DKTA	Federal	U-38073	P	TRAPP SPRINGS
4304730791	TRAPP SPRINGS 6-35-14-23	NESW	35	140S	230E	Uintah	8081	DKTA	Federal	U-59581	P	
4304731003	TRAPP SPRINGS FED 3-26-14-23	SESW	26	140S	230E	Uintah	8081	DKTA	Federal	U-38071	S	
4304731091	WOLF POINT FED 2-18-15-22	SWSE	18	150S	220E	Uintah	8077	MNCS	Federal	U-30112	S	
4304730622	WOLF POINT FED 3-11-15-21	SESW	11	150S	210E	Uintah	8065	DKTA	Federal	U-6618	P	
4304731137	WOLF POINT FED 5-13-15-21	NWSW	13	150S	210E	Uintah	8071	DK-MR	Federal	U-30112	P	
4304731027	WOLF POINT FED 6-14-15-21	NESW	14	150S	210E	Uintah	8072	DKTA	Federal	U-10173	S	
4304731071	WOLF POINT FED 7-15-15-21	NWSE	15	150S	210E	Uintah	8073	DK-MR	Federal	U-6618	P	